Oil, Paint and Drug Reporter

The Chemical Market Authority Since 1871

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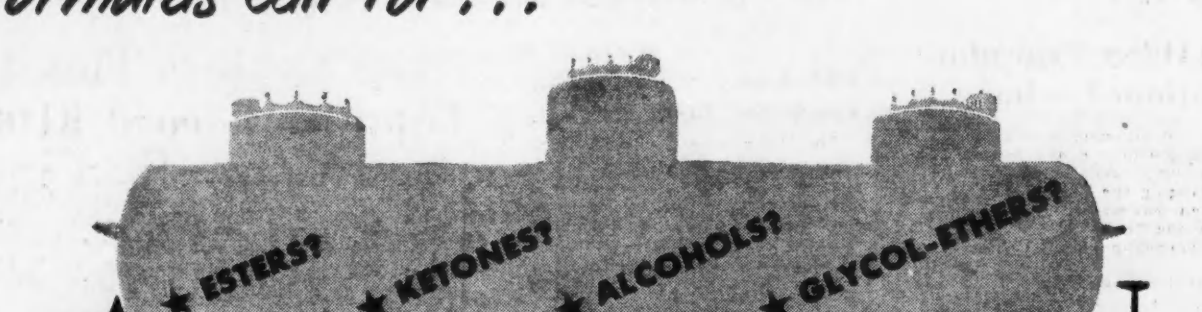

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Oil, Paint and Drug Reporter

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Patent Office Procedure To Continue Unchanged

Secretary of Commerce Charles W. Sawyer told the senate and house committees last week that he has no intentions of changing the present procedures or the present powers of the Patent Commissioner of the Patent Office if the President's reorganization plan No. 5 becomes effective.

He said that he has already drafted an order delegating all authorities over the Patent Office that would be lodged in the office of the secretary back to the Commissioner of Patents so that there will be no change in the policies or functions of the Patent Office. He said that the order was ready for issuance as soon as the reorganization plan becomes effective.

The secretary's promises were made to the senate and house committees on expenditures in government departments which are considering resolutions for rejection of reorganization plan No. 5 because of the threat to the independent status of the Patent Office. The plan places all the powers of the Commissioner of Patents in the Secretary of Commerce and gives him authority to delegate them to anyone he might choose.

Representatives of the drug and chemical industries have strongly protested the plan, as well as representatives of other industries, because of a fear that some future secretary might use the delegation of powers to completely change the present patent system. They claimed that this would be possible because of the absence of any court review of inactions upon the part of the Patent Commissioner on patent applications.

Relief in Court

Secretary Sawyer answered this argument, however, by pointing out that there is relief in the courts from the failure of the Commissioner of Patents to act on a patent application. While the patent laws themselves provide only for court reviews in cases where the commissioner rejects a patent application, the administrative procedures act specifically provides for court review to "compel agency action unlawfully withheld or unreasonably delayed," he declared.

"Thus it is clear that there is no danger of deliberate delay or withholding of approval of a meritorious application," he said.

Hoyt Heads Entomology And Plant Quarantine

Avery S. Hoyt has been appointed chief of the Bureau of Entomology and Plant Quarantine in the Department of Agriculture, it was announced April 26. Mr. Hoyt has served as acting chief of the bureau since the death of Dr. P. N. Annand on March 29. He has been associate chief since 1941.

OIT Eases Export Value Limit on Bismuth Salts

The Office of International Trade last week announced a change in the dollar value limits on bismuth compounds which may be exported out of the country without validated licenses.

Under the new regulation license will no longer be needed for shipments valued up to $500 of bismuth nitrate, bismuth oxide, bismuth subnitrate, and sodium bismuthate.

OIT also announced that shipments of boron carbide valued at more than $100 will require validated licenses in the future to all destinations except Canada. Heretofore such licenses were required only to shipments outside the Western Hemisphere.

Stockpile Buying Procedure Bill Favors U.S. Producers

A bill (H.R. 8138) was introduced in the house last week by Representative Walter S. Baring of Wyoming directing that all future purchases for the national stockpile be made from domestic sources, insofar as availability permits, through contracts made directly with producers thereof. Such contracts could be made for a period up to five years.

The bill also would allow the contracts to contain escalator clauses by which the price paid may be adjusted monthly so that the producer will receive his costs, including allowances for depreciation, amortization, depletion, and normal development work, plus a reasonable profit. No contract price, however, could exceed 50 percent of the prevailing market price.

The measure is the latest of the several efforts of mining states members to obtain action this year on a federal aid program for the mining industry. The subsidy bill, S. 2105, which was supposed to have the support of the administration, was killed in the house last month.

Fats and Oils Imports Control Extension Urged

Representative Wilbur D. Mills of Arkansas introduced a bill (H. R. 8105) in the house last week to extend the authority of the Department of Agriculture to control the imports of fats and oils and rice and rice products until July 1, 1951. The authority is due to expire next July 1.

Several bills having the same purpose have been introduced in recent weeks, the first one having been proposed by Senator Edward J. Thye, of Minnesota. It is expected that the administration will support the extension.

Drug Exports This Year Seen Topping Record $198,204,996

The consumers merchandise branch of the Office of International Trade predicted last week that drug exports in 1950 may reach another new record of close to $225,000,000. Exports in 1949 attained a new peak of $198,204,996, which was 4 percent greater than the $190,975,792 for 1948.

The forecast of $225,000,000 was based on the assumption that the present trend in demand and commodity development will continue. It was noted that drug exports in the average month of last year were equivalent to the total for the entire year of 1938, and, even more significantly, foreign demand absorbed one-fifth of our drug output, which in 1938 would have represented more than one-half of our total production.

Shipments of antibiotics continued to provide the main prop for the soaring exports. They accounted for $85,800,000 of the value and 43.3 percent of the total. Druggist nonproprietaries were next with $46,300,000 of the value and 23.3 percent of the total. The others were:—proprietary medicinals, $29,900,000 or 15.1 percent; vitamins, $22,900,000 or 11.6 percent; and medicinal chemicals, $13,300,000 or 6.7 percent.

Analyzing the 1949 record and looking into the future, the report of the agency said:—

"It might be pointed out that Europe was our principal customer for antibiotics, particularly streptomycin, followed by Asia and South America. Whereas, three-fifths of our druggists' nonproprietary preparations exports and three-fourths of our vitamin shipments were acquired by Western Hemisphere countries. Proprietary remedies were fairly equally distributed to all but European countries.

"Five-sixths of our medicinal sales were about equally destined for all continental areas except Asia and Africa. With this summarization of past drug exports in mind, it should be possible to decide which countries would warrant more intensive cultivation. So many avenues are open for sales expansion there should be no question but that we could see realization of a $225,000,000 oversea drug demand in 1950."

ITO Charter Under Fire at House Hearing

The charter for the International Trade Organization was defended and attacked last week at hearings before the house foreign affairs committee. The committee is considering a resolution authorizing the participation of the United States in the organization which the administration hopes will be enacted this session.

Opposition to the charter came from two principal sources—the National Labor Management Council on Foreign Policy, which feared that the charter would lead to a further lowering of American tariffs to the detriment of American labor and industry, and the Rubber Manufacturers Association, which warned that the intergovernmental commodity agreement authorized by the charter would lead to super-world cartels.

William L. Batt, president of SKF Industries and chairman of the committee for the International Trade Organization, joined with officials of the State department and Treasury department in supporting the charter. He described the charter as "the most positive and constructive step yet advanced for launching an effective comprehensive attack on trade problems."

The hearings are scheduled to run for several weeks before the committee decides on whether to seek its passage this session.

Science Foundation Bill Amended, Passes House

The National Science Foundation bill (S. 247) moved nearer to final enactment last week when the house voted its approval of the conference report and sent the measure to the senate for concurrent action. Adoption of the report by the senate will clear the way for its submission to the President for his signature.

The bill in its final form follows closely the lines of the house version with modifications, however, in the so-called Smith loyalty amendment to meet the criticism of the Department of Justice. The bill authorizes the expenditure of $500,000 during the first year of the foundation's operations, and places a ceiling of $15,000,000 annually on future appropriations.

As passed by the house, the bill directed the Federal Bureau of Investigation to investigate and pass upon the loyalty of every employee and every recipient of a scholarship award. To meet the protest of the Attorney General and FBI director, J. Edgar Hoover, this was modified to provide that those persons who would have any connection with or access to atomic matters would have to meet the loyalty test of the Atomic Energy Commission, while those persons who would have access to confidential military papers would have to pass the regular military test. All other persons would be investigated by FBI, but the foundation would make its decision on the question of loyalty.

Defense Contract Awards Legislation Up in House

Legislation was introduced in the house last week authorizing the Department of Defense to split its contract awards among several bidders when it is advisable in the interest of national defense that small business concerns be benefited by the government. Two bills were introduced, H.R. 8170 by Representative Philip J. Philbin of Massachusetts and Representative Richard B. Wigglesworth of Massachusetts.

Under existing law government agencies are required to award contracts on the basis of the best bid offered. As a result one firm often gets an entire contract. The bills would continue the policy of awarding the contract to the lowest bidder, but authorize the bureau head to withhold 20 percent of the total procurement involved from the successful bidder for distribution among the small business concerns.

Air Pollution Conference Scheduled for Washington

The program for the first government-sponsored conference on air pollution, to be held at the Wardman Park hotel, Washington, D. C., May 3 to 5, was announced last week by Secretary of the Interior Oscar L. Chapman.

At the banquet, scheduled for 7:30 p.m., May 4, Bureau of Mines Director James Boyd will act as toastmaster and introduce guest speakers. They include, Secretary Chapman; Dr. Leonard A. Scheele, Surgeon General of the Public Health Service, and Dr. E. Barstow, vice-president of the Dow Chemical Company, Midland, Mich.

A general session on May 3 will hear a message from President Truman and one from William Barr, chairman of the standing conference on atmospheric pollution in the United Kingdom, delivered by Dr. A. Parker, director of research at the fuel research station, London. There will also be panel sessions in the morning and afternoon.

May 4 will feature panel sessions and the banquet. The following day there will be general sessions at which reports will be presented by panel chairmen.

The seven panel session groups will meet simultaneously in various conference rooms of the hotel during the first two days of the conference, with a general over-all session on the last day. They will cover health, meteorology, instrumentation, equipment, analytical methods and properties, legislation and agriculture. About eighty papers will be presented.

Dr. Louis C. McCabe, chief of the Bureau of Mines office of air and stream pollution in the Department of the Interior, is chairman of the interdepartmental committee sponsoring the conference.

Whitney Leaves Govt.

President Truman accepted the resignation of Cornelius V. Whitney as Under Secretary of Commerce April 25. Mr. Whitney had asked to be relieved of his duties in order to return to business affairs. He previously served as Assistant Secretary of the Air Force before moving over to the Commerce department.

Price Trend Resumes Decline

After holding for one week, the trend of prices in the markets for chemicals, oils, and drugs, resumed last week the gradual decline which had started in the last week of the preceding quarter. It has fallen off 1.1 points from that starting level and the index is now 4 points below where it was at the beginning of this year, 12.2 points lower than it was at this time in 1949.

Price changes were relatively few in the latest period. But, they had still less consistency than was to be noted earlier in the month. The uplifting influence of nonferrous metals was divided. Fats and oils also were closely split. The net weight in the former group was heavier; in the latter it was lighter. Aromatic oils also were again depressed.

There were advances in lead and its oxides and sulphates and in several copper salts, not including the sulphate. Tin metal and crystals were reduced. Most vegetable oils were on the upside; cocoanut was not. Oilseed meals were divided. Animal fats, packer byproducts, and egg products were on the downside. Spices were mostly lower, black pepper being an exception.

Chemicals as a whole were quiet. Magnesite was advanced. The only change in organics was a cut in diethyl phthalate.

Buying interest has not shown any new vigor. Demand as a whole runs steady and of relatively good size but gives no indication that any consuming industry has any desire to boom. Supplies are ample in almost everything except chlorine and benzol and their big-volume offspring, such as benzene hexachloride and paradichlorobenzene. Some allocating of deliveries has been found necessary.

More German-Russian potash is coming in shortly, the last for the season. Not all of it has been sold. Domestic producers of salts say they are prepared to take care of all calls for carbonate for television glass. German epsom salt is becoming somewhat more noticeable. French casein is giving Argentine a bit of bother on a price basis.

OPD Price Index

The OIL, PAINT AND DRUG REPORTER'S relative record of prices for chemicals and related materials is currently as follows:—

Apr. 28, 1950	Apr. 21, 1950	Dec. 30, 1949	Apr. 29, 1949
120.8	121.0	124.8	133.0

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

OPD Index Monthly Averages

	1950	1949	1947	1946	1941
January	123.2	142.0	150.9	135.3	107.3
February	121.3	140.4	151.9	135.4	110.3
March	121.8	137.6	154.9	135.2	111.9
April	121.0	133.6	152.3	134.9	115.5

ACTH Output Increased 30-Fold By New Technique; Price Cut 100%

An ingenious new type of freeze-drying apparatus which uses infra-red rays as a heat source makes possible a tremendous jump in production of ACTH and a reduction in price, effective today, from $210 a gram to about $100, according to Armour & Co., Chicago, producer of the adrenocorticotropic hormone from the anterior lobe of the pituitary body of higher animals.

The new equipment, adapted especially for work with ACTH, speeds up the drying process about ten times, and gives a greater yield of hormone by reducing the loss of potency previously experienced in the drying process.

ACTH is said to control many hitherto unamenable diseases, such as arthritis and rheumatic fever, and is regarded as a major tool for the investigation of many mysteries of human physiology. Armour chemists worked out the method of extracting a clinically safe form of it from the pituitary glands of hogs. It is still not approved by FDA for general sale but is limited to clinical and other research in hospitals with adequate staffs and facilities.

On April 21, however, F. W. Specht, Armour president, revealed that production had reached a level thirty times that of a year ago; that better methods were getting four times as much ACTH from a given quantity of glands, and that further improvements will soon triple the current rate of production.

"Armour & Co.," he said, "can produce ACTH during the next several months as fast as people in the clinics and hospitals can learn to use it safely."

(In Washington last week, Representative Frank B. Keefe of Wisconsin, defending an increase of $2,500,000 recommended by the house appropriations committee for the National Health Institute research on new drugs, told the house how the committee was swayed in its decision by statements of public health authorities on the importance of ACTH and cortisone, product of Merck & Co.)

Advantages of New Techniques

Principal advantages of the new infrared technique were listed by Armour as follows:—

The process takes only a tenth of the time of the old process.

It is not necessary to keep the material so cold. In fact, the temperature is only slightly below zero.

Similarly, a much lower vacuum is used because the system does not depend on flow of heat.

Where wide-mouthed bottles were necessary in the old method to permit free escape of water vapor, it is possible to put caps on the bottles loosely and still get efficient drying. The caps are tightened later. This prevents occasional contamination of the solution by air-borne bacteria and is the first time this has been achieved in production.

The ACTH is drier than before.

Most of the wave-lengths affecting water pass through the glass. The ACTH in contact with the glass therefore takes

—Continued on page 67

Antarctic Whale Catch 16,011 Blue Whale Units

The total catch of baleen whales in the Antarctic during the 1949-50 pelagic whaling season—which lasted from December 22 through March 15—was 16,011 blue whale units. This total, reported to the Fish and Wildlife Service by the International Bureau of Whaling Statistics, Sandefjord, Norway, exceeds slightly the reported catch of 15,926 blue whale units for the 1948-49 season.

The blue whale is the basis for measuring the total catch, because the blue whales yield the largest quantity of oil. According to provisions of the international agreement for the regulation of whaling, drawn up at the time of the international whaling convention held in Washington, D. C., December 2, 1946, the following shall be considered the equivalent of a blue whale:—two fin-back whales, two and one-half hump-back whales, or six sei whales.

The International whaling commission —consisting of a representative of each of the fourteen countries signatory to the international agreement—is scheduled to convene its 1950 meeting in Oslo, Norway, tentatively on July 18. The United States, a party to the agreement, will be represented by Commissioner A. Remington Kellogg.

WHO Publishes First Int'l Pharmacopoea Vol.

Dr. C. H. Hampshire, chairman of the World Health Organization's expert committee on the unification of pharmacopoeas, announced last Friday the completion of the first volume of the new "Pharmacopoea Internationalis" under sponsorship of the WHO committee which has been meeting in New York since April 20.

Dr. Hampshire, who is also secretary of the British pharmacopoea commission, indicated that the completed work will be presented to national pharmacopoeial groups for action with the assumption that accepted items will be appropriately designated, in the national editions, as conforming to the international edition.

It was pointed out that no changes in testing procedures were developed but rather a unification and harmonizing of practice was developed by the standardizing committee.

Dr. Hampshire stated that the publication will have no independent legal status but will be subject to the official adoption, in whole or in part, by the appropriate authorities of each participating nation.

The first book, dealing with about 200 drugs in general use, will first appear in English and French with a Spanish edition to follow and the cost will be comparable to the current USP publication.

ECA Announces Additional Procurement Authorizations

Among the new procurement authorizations issued to Marshall plan countries by the Economic Cooperation Administration during the period April 21-27 were the following:—

To Germany—$600,000 for soybean oil, $500,000 for tallow and grease, $370,000 for nonmetallic minerals and $156,000 for industrial chemicals other than alcohol, from the United States; $950,000 for copper and copper products from Latin America.

To Greece—$20,000 for rennet from the United States.

To Iceland—$75,000 for soybean oil from the United States.

To Netherlands — $213,000 for nonmetallic minerals from Canada, and $40,000 for the same from the United States.

To Norway — $335,000,000 for tallow and other animal fats and oils, and $177,000 for gum rosin from the United States; $174,000 for nonferrous ores and concentrates from Canada and $25,000 for the same from Latin America.

DuPont Plea Denied

The Supreme Court of the United States refused, on April 24, to act on a defense request that it order the government's antitrust suit against E. I. du Pont de Nemours & Co. be tried in Wilmington, Del., instead of Chicago.

CSC Vice-President

Howard L. Sanders, treasurer of Commercial Solvents Corporation, New York, has been appointed a vice-president. He will continue as treasurer. Mr. Sanders became associated with Commercial Solvents in 1933 when the company acquired Rossville Commercial Alcohol Corporation, of which he was assistant treasurer. He has been CSC treasurer since 1939.

Pfizer Discovers New Antibiotic, Viomycin

Charles Pfizer & Co., Brooklyn, N. Y., has announced the discovery, purification and crystallization of a new antibiotic, viomycin, which is said to show promise in the treatment of tuberculosis.

Viomycin, which is a highly tuberculostatic agent against both streptomycin-sensitive and streptomycin-resistant strains in test tubes, has been used extensively in the treatment of experimental laboratory animals. Clinical studies have been initiated recently, showing the antibiotic capable of suppressing the infection to a marked degree. It was pointed out by the company, however, that viomycin has not been tested on a sufficient number of humans or long enough to determine its effect on human disease.

General Foods Promotes Kaufman Research Head

General Foods Corporation, New York, has named Charles W. Kaufman to succeed the late T. M. Rector as head of the company's department of research and development. Mr. Kaufman joined the General Foods laboratory staff in Hoboken, N. J., in 1939. He was named director of food technology in 1942 and assistant manager of research and development in 1945.

Veterinary Drug Industry Urged to Exploit Potential

Producers of veterinary medicines we told last week by Thomas W. Delahant chief of the consumers merchandi branch of the Office of Internation Trade, that there is a vast market bo here and abroad for the products of t industry that can be exploited with a most certain beneficial results if produce will apply more energy to the task.

Addressing the opening session of t tenth annual meeting of the Anim Health Institute at the Edgewater Bea hotel, Chicago, April 27 to 29, Mr. Del hanty said that there is at least $50,00 000 worth of veterinary business awa ing cultivation abroad and an equally not larger market right here at home.

He said that animal husbandry calcul tions reveal there are 2,000,000,000 lar and medium-sized animals and 2,000,00 000 poultry in the world. The Unit States has less than one-tenth of the fo mer and one-fourth of the latter. Y we produce and consume one-third to on half of the world's output of veterina medicines.

"Truly a superb job has been done the industry in educating the Unit States agriculturist as to the econom advantage to be derived through the mai tenance of animal health," he declare "But, is it not a challenge to our me chandising ability to know that, if the re of the world were educated and servic to our standards, there could be five to t times as much veterinary medicines so annually in foreign lands?"

He said that there is a possibility th if the point four program is carri through, it will include veterinary proje for some of the world's underdevelop areas. Any country, in fact, would w come United States veterinary produc promotion and even the establishment production facilities, on a profit-sharing licensing arrangement, would be justi able, he added.

Abbott Labs Promotes Stiles and Wilkinson

Abbott Laboratories, North Chicago, I has announced the appointments of Da D. Stiles and Herbert S. Wilkinson director of market development and rector of sales, respectively. Mr. Stil in his new post, will continue as chairm of the sales executive committee and e tor of the Abbott sales bulletin.

Formerly associate director of sales, M Stiles joined the Abbott organization a part-time worker, subsequently beco ing a salesman, professional service rep sentative, district manager, drug tra division manager and executive sales ma ager. Mr. Wilkinson, previously gene sales manager, started with the Abb company in 1929, and served as a sal man, district manager, branch manag and divisional manager.

Calif. Fruit Exchange Realigns Sales Staff

California Fruit Growers Exchange, C tario, Calif., has announced a series staff promotions. L. Cletus Gallagher, f merly New England district manager, h been appointed sales manager of the dustrial division, with headquarters at t company's home office. C. E. Scovern, previously assistant central division ma ager, has been named southwestern di sion manager, with headquarters in D las, Tex. J. P. Haman, formerly N York district manager, has been adva to the position of eastern division ma ager, with headquarters in New York.

Staley Names Gill Technical Director

A. E. Staley Manufacturing Compa Decatur, Ill., has appointed Lowell O. G as technical director, to succeed How File, head of the company's research a technical program since 1919, who rel quished the post for reasons of health.

Mr. Gill joined the company as a search chemist. He headed the cont laboratory work and for many years w in charge of the technical sales serv program. He was appointed assistant te nical director in 1947.

Who Has It?

Inquiries in the OPD editorial off seek sources from which the materi listed below can be obtained. Infor tion will be gratefully received here

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Ditolyl methane.
2-Methyl-4 amino-1-naphthol hydrochlor
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FTC Trial Examiners To Get More Authority

The Federal Trade Commission last week announced a change in its administrative procedures to provide that decisions of its trial examiner are to be regarded as commission decisions, unless appeal is made by the parties involved or the commission on its motion dockets the case for review.

The procedural change was made in the interest of speeding up the work of the commission. It will become effective June 1 and will apply to all formal cases charging violations of the laws administered by the commission, including the federal trade commission act, the Clayton antitrust act and the wool products labeling act.

The existing procedure is for the trial examiner to make "recommended" decisions, which are passed upon by the commission and may be either adopted, rejected or modified. Under the new procedure the trial examiner will make an "initial" decision within thirty days after they close a case before them.

The decision will become the decision of the commission thirty days after it is served on the parties unless (1) an appeal is filed by the parties; (2) the commission stays the effective date of the decision, or (3) the commission on its own initiative issues an order placing the case on its docket for review.

The trial examiner's decision must include a statement of (1) findings and conclusions, with reasons or basis therefore, upon all the material issues of fact, law, or discretion presented on the record, and (2) an appropriate order. In the event either the respondent or the counsel supporting the complaint desire to appeal they must file a motion of intention to appeal within ten days after service of the decision. An appeal brief must then be filed within thirty days and twenty days is given the other side opposing the appeal.

Phillips Chem. Production, Sales Under McCullough

Manufacturing operations and sales functions of Phillips Chemical Company, Bartlesville, Okla., have recently been combined under the supervision of G. W. McCullough, vice-president and general manager. The fertilizer sales division will continue under the management of L. H. Wright. George Wash has been appointed assistant manager of fertilizer sales. H. L. Hays, former manufacturing superintendent, is now assistant to McCullough. R. M. Wallace, formerly superintendent of Plains butadiene plant at Borger, Tex., is superintendent of manufacturing operations, succeeding Mr. Hays.

SOCMA Filing Brief Against Tariff Changes

Synthetic Organic Chemical Manufacturers Association plans on filing a written brief and appearing before the committee for reciprocity information in opposition to the tariff negotiations proposed at the Torquay conference next September. Committee hearings will begin May 24.

SOCMA, in addition to making its statement available to the membership, has urged all member companies to submit written briefs and to appear.

Foreign Sales Leads

Anyone interested in supplying the following inquiries with goods or information can get the full address of the inquirer by communicating — not by telephone, please—with OPD office:—

Ascorbic acid, Guatemala City, Guatemala (FO-3).

Calcium gluconate, Guatemala City, Guatemala (FO-3).

Chemicals, Guadalajara, Mexico (FO-2).

Liver extract, Guatemala City, Guatemala (FO-3).

Lubricants, Turin, Italy (FO-1, manufacturers only).

Stilbestrol, Guatemala City, Guatemala (FO-3).

Vitamins C, D, B and B complex, Guatemala City, Guatemala (FO-3).

Foreign Market Lists

Lists of foreign outlets for chemicals and related materials and consumers goods, recently compiled by the Commercial Intelligence division of the United States Department of Commerce, include the following, which are available from the division at $1 a list for any one country:—

Beverage manufacturers—United Kingdom.

Hospitals—Nicaragua.

Laundry and dry-cleaning industry—Iraq.

Medicinal and toilet preparations manufacturers—Pakistan.

Soap manufacturers—Philippines.

Tanneries—Uruguay.

Textile industry—Paraguay.

P.A.'s-Eye View of Business

Composite view, April 30, of purchasing agents composing the Business Survey Committee of the National Association of Purchasing Agents.

Purchasing agents, in their national survey for April, report a substantial pickup in industrial business volume. Order-booking and production increases are exceeding the high rate during the booming presteel-strike period of last August and September. Much of the improvement is attributed to recovery from the setbacks caused by steel and coal strikes, but there is strong evidence of a steady upward movement from the decline of 1949. Prices continue to show strengthening to moderate increases.

Industrial inventories are being lowered by the boost in production schedules but may build up slightly in the next few months. The reemployment rate is the best since last September. Buying policy, though averaging well within a "hand-to-mouth" to ninety-day range, is increasing in the area of sixty-day to ninety-day commitments. Keen competition and aggressive sales efforts are causing a profit squeeze in many lines, principally at the distributor level and on fabricated goods, but it is expected to spread into other lines as the year progresses. Overall sentiment is much more optimistic than it has been for several months. Purchasing executives, however, considering the increased order-booking, point out that it only reflects the forward coverage of the longer, but conservative, material buying policy of industry.

Commodity Prices

No signs of weakness in the industrial materials price structure are noted this month. Except for copper, zinc, and lead, the movement would practically have been sidewise for April. There is some price deterioration reported at distributor levels. Competition for volume is sharpening up, resulting in reduced profit margins, as sellers test markets to determine prices at which the consumer will buy. Industrial buyers feel this trend in merchandising finished goods must eventually reach back to put pressure on basic material prices.

Inventories

Production material inventories are slightly down for the month. Increased production schedules have eaten into stocks a little faster than they have been replaced. The extremely cautious inventory policy generally adhered to for many months will cause some inventory build-up in the next few months to protect the higher production levels. Steel, while still on the critical list, is making rapid inroads on accumulated orders. Copper, zinc, and their products are currently in a tight position. Little unbalance of stocks is reported.

Employment

Payroll increases are about up to the September rate. Reemployment continues at the same pace set in March, the increases running neck-and-neck with improved production schedules. The labor market is generally reported as plentiful, allowing for greater selectivity in filling jobs. This year's high school and college graduates will have tough sledding.

Buying Policy

Cautious, with little incentive to be otherwise. The sharp increase in order books the past two months is predominantly within a delivery range of ninety days, and buying to cover materials to produce them is right in line with this coverage. With few exceptions, industrial materials can be obtained in the lead time required. Purchasing Agents are not buying the easy-to-get items beyond the delivery time required to match the bottleneck materials.

Specific Commodity Changes

Many "ups," a fewer "downs." The price movement either way was of short range. Nonferrous metals displayed the greatest strength.

On the increase side were abrasives, sulphuric acid, alcohol, belting, brass, copper, cornstarch, chlorine, motors, firebrick, fuel oil, lead, leather, lumber, magnesium, mica, muriatic acid, edible oils, kraft paper, tires, steel, tin, zinc.

Prices were reported lower on antimony, cocoabutter, dyestuffs, transformers, ester gum, coal, coke, naphthalene, plasticizers, propane, rosin, silver, textiles, turpentine.

Hard to get:—Aluminum, benzol, burlap, cellophane, chlorine, copper, some grades of lumber, kraft paper, steel, zinc.

Canada

The general Canadian business pattern is more like that of the United States this month. Order-booking and production are up, with a substantial percentage holding to previous levels. Fewer price increases and more decreases are reported than in the United States. Inventory trend is down. Employment is up. Buying policy is of slightly longer range. Construction is booming. Reduction of exports is dimming an otherwise moderately optimistic outlook.

Washington Talks It Over

By Ralph L. Cherry

The administration is whipping up a special program for aiding small business, which it plans to submit to congress with a special message from the President pointing out how important it is to the economy of the country, both in peacetime and in war, that we keep little business strong and healthy.

It is understood that the backbone of the program is a system of insuring small business loans, similar to the insurance of home loans under the national housing act. The idea comes from the scheme advanced a couple of years ago of insuring small exporters against losses in their operations when the accent in government was on building up markets for American products abroad instead of encouraging foreign buyers to conserve their dollar reserves.

While the suggestion that the government should take the risk for inefficiency of a business operator might sound repugnant to those who believe that, if a business can't carry on under its own steam, it has no reason for existence, a system of insuring small business loans would not be too different from what the Reconstruction Finance Corporation has been doing for years.

RFC has what it calls a deferred participation loan plan by which it supports the loans made by banks to business firms. Under this plan, RFC agrees with the lending bank that it will take over all or part of the loan, at a small charge, whenever the bank wishes to get out from under. The only difference between this and an insurance plan is that RFC has a choice of turning down participation in a loan when it knows it will result in a loss. But, RFC has made a large number of deferred participation loans.

Business Guides to Europe

As a service to American world traders interested in doing business with firms in Austria and Germany, the Office of International Trade has issued two reports containing trade regulations and other information pertinent to trading with buyers and sellers in the two countries.

Among the trade topics discussed are export and import regulations and procedures, tariff and customs regulations, sales contracts, exchange rates, capital movements, and payment terms.

The report dealing with Austria, in addition to describing current trade regulations and procedures in effect in that country, also lists a number of other sources of information relating to Austrian economic conditions and commercial development. The report on Germany is divided into three sections:—(1) General trade information, (2) Western zones of Germany and Western sectors of Berlin, and (3) Soviet zone of Germany and Soviet sector of Berlin.

Copies are available upon request from the field offices of the Department of Commerce or from the Office of International Trade. They can be got by asking for the OIT reports titled "Doing Business with Austria," and "Doing Business with Germany."

Business Fears Free Trade

The next few months may see the biggest fight of the postwar period between government and business over the tariff question. There are definite signs of much unrest in labor circles over the threat of large amounts of foreign merchandise being brought into this country and one of the major business organizations is showing signs of running out on the reciprocal trade agreements program.

The feeling seems to be building up that the administration has quietly effected a major change in policy in the mat-

—Continued on page 30

Coaltar Chemicals Duty Basis Change Proposed

The Treasury Department proposed to congress last week that the American selling price be discarded as the basis for computing tariff duties of coaltar chemicals and that such duties hereafter be computed in the same manner as the duties on any other products.

Before such a change would become effective, however, the department recommended that the Tariff Commission be directed to investigate and prescribe the higher rates of duties that would be needed in order to maintain the present levels of protection.

At the same time, Treasury would maintain a current list of imported articles which are competitive and, as any additional article became competitive by the development of its production in the United States, it would be added to the list and become subject to duty at the rate applicable to competitive articles of the class in which it falls.

The department recommendations were made in a proposed customs simplification bill submitted April 28 for introduction in the house. The bill is the result of several months of reviewing customs procedures, and the administrative sections of the tariff act of 1930, which have been the source of complaint from foreign exporters.

The change in valuing coaltar chemicals for duty purposes was proposed in connection with a general revision of the valuation procedure in order to simplify and make customs formulas more equitable. Another important objective of the bill is to eliminate special marking requirements, so as to require in the future only such markings as will indicate to the consumer the countries in which imported goods originated.

Other provisions of interest to importers would eliminate under-valuation penalties in cases where the importer was not at fault and permit the correction of admitted errors by customs personnel without resort to the courts.

Foreign exporters would be allowed more time for exhibiting samples of merchandise in this country without paying duty.

Arden Appointed Trustee Of Brooklyne Chemical

Frederic Arden, director of market research for the Mathieson Chemical Company, Baltimore, has been granted a leave of absence by the company to become co-trustee of the Brooklyne Chemical Works, also Baltimore, it was learned last week.

The original trustee, Robert H. Kittner, then vice-president of the Glenn L. Martin Company, was appointed January 15, 1950, by the United States District Court of Maryland for the purpose of surveying the Brooklyne situation and advising the court as to his opinion upon the feasibility of operating its plant in any proposed reorganization of the debtor corporation.

On April 19, Mr. Kittner, on the basis of an offer of employment outside Baltimore, pleaded with the court to accept his resignation. At the order of Judge William C. Coleman, he recommended Mr. Arden as co-trustee, which recommendation was accepted. Mr. Arden will serve on a full-time basis, with Mr. Kittner remaining as co-trustee for the purposes of consultation and advice on matters of policy.

Mr. Arden told OPD last week that he is optimistic regarding reorganization of the Brooklyne plant and the possibilities of having it back in operation within a short time.

The Brooklyne Chemical Works was a producer of copper sulphate, nickel sulphate and carbonate and, when it ceased operations, was planning to produce other nickel salts.

Mr. Arden has had many years' experience in the building and operation of chemical plants and several years' experience with the War Production Board. He joined Mathieson last year.

McGuire-Landry Formed To Sell Chemical Line

McGuire-Landry Company, Oakland, Calif., has been formed by William J. McGuire, owner of McGuire & Co., and Raoul J. Landry, formerly with Shell Chemical Corporation of San Francisco. The new company, whose offices are located at 833-47 avenue, will market a variety of products to the paint, chemical, adhesive, printing ink and allied trades. In addition, the organization will represent McGuire & Co. as sales agents for benzol, toluol, xylol, wax, petrolatum and other raw materials.

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Association Meetings

Affiliated Drug Stores, New Yorker hotel, New York, October 1-5.

American Association of Textile Chemists and Colorists, Portsmouth, N. H., September 28-30.

American Council of Commercial Laboratories, Cleveland hotel, Cleveland, June 22-23.

American Gas Association, Atlantic City, October 2-6.

American Institute of Chemical Engineers, Neal House, Columbus, Ohio, December 3-6.

American Oil Chemists Society, Atlanta Biltmore hotel, Atlanta, Ga., May 1-3.

American Petroleum Institute, Biltmore and Ambassador hotels, Los Angeles, November 13-16.

American Pharmaceutical Association, Traymore hotel, Atlantic City, April 30-May 5.

American Pharmaceutical Manufacturers Association, annual meeting, Broadmoor hotel, Colorado Springs, Colo., May 29-31.

American Plant Food Council, Homestead hotel, Hot Springs, Va., June 29-July 2.

American Society for Testing Materials, Atlantic City, N. J., June 26-July 1.

American Spice Trade Association, Shawnee Inn, Shawnee-on-Delaware, Pa., May 21-24.

American Water Works Association, Convention Hall, Philadelphia, May 21-26.

Associated Chain Drug Stores, New Yorker hotel, New York, September 24-27.

Canadian Gas Association, Manoir Richelieu hotel, Murray Bay, Quebec, June 19-24.

Central Atlantic States Association of Food and Drug Officials, Chalfonte hotel, Atlantic City, N. J., May 24-26.

Chemical Bureau Alumni Association of the War Production Board, Lexington hotel, New York, May 17.

Chemical Market Research Association, New York, June 8.

Chemical Specialties Manufacturers Association (formerly National Association of Insecticide and Disinfectant Manufacturers), Drake hotel, Chicago, June 12-13.

Drug, Chemical and Allied Trades Section, New York Board of Trade, "Ol' Timers' Nite," Astor hotel, New York, May 10; annual meeting, Shawnee Inn, Shawnee-on-Delaware Pa., September 21-23.

Federal Wholesale Druggists Association, Greenbrier hotel, White Sulphur Springs, W. Va., October 23-25.

Federation of Paint and Varnish Production Clubs, Congress hotel, Chicago, November 9-11.

Federation of Paint and Varnish Production Clubs committees and council, Cleveland hotel, Cleveland, Ohio, May 12-13.

Flavoring Extract Manufacturers Association, Traymore hotel, Atlantic City, N. J., May 7-10.

Independent Petroleum Association of America, Biltmore hotel, Los Angeles, May 7-9.

Institute of Food Technologists, decennial conference, Edgewater Beach hotel, Chicago, May 21-25.

International Microchemical Congress, Graz, Austria, July 2-6.

Liquefied Petroleum Gas Association, Palmer House, Chicago, May 8-11.

Manufacturing Chemists Association, joint outing with Synthetic Organic Chemical Manufacturers Association, Monmouth hotel, Spring Lake, N. J., June 19-21.

National Association of Purchasing Agents, Cleveland, June 12-14.

National Association of Retail Druggists, Long Beach, Calif., October 15-21.

National Butane-Propane Association, Hollenden hotel, Cleveland, September 18-19.

National Confectioners Association, Waldorf-Astoria hotel, New York, June 4-9.

National Cottonseed Products Association, Shamrock hotel, Houston, Tex., May 15-17.

National Fertilizer Association, Greenbrier hotel, White Sulphur Springs, W. Va., June 12-15.

National Lubricating Grease Institute, Edgewater Beach hotel, Chicago, October 30-November 1.

National Paint, Varnish and Lacquer Association, Fairmont hotel, San Francisco, November 15-18.

National Safety Congress, Chicago, October 16-20.

National Sanitary Supply Association, Stevens hotel, Chicago, May 7-10.

National Wholesale Druggists Association, Waldorf-Astoria hotel, New York, September 16-21.

Packaging Institute, annual forum, Commodore hotel, New York, October 23-25.

Pennsylvania Grade Crude Oil Association, William Penn hotel, Pittsburgh, Pa., June 15-16.

Proprietary Association, Greenbrier hotel, White Sulphur Springs, W. Va., May 25-27.

Society of Cosmetic Chemists, Savoy Plaza hotel, New York, May 19.

Society of the Plastics Industry, plastics film, sheeting and coated fabrics division conference, Commodore hotel, New York May 25-26; annual meeting, New Ocean House, Swampscott, Mass., October 18-20.

Society of Rheology, New Yorker hotel, New York, November 3-4.

Synthetic Organic Chemical Manufacturers Association, Commodore hotel, New York, May 10; joint outing with manufacturing Chemists Association, Monmouth hotel, Spring Lake, N. J., June 19-21; annual meeting, Commodore hotel, New York, December 13.

Toilet Goods Association, annual meeting, Waldorf-Astoria hotel, New York, May 16-18.

United States Pharmacopoeia convention, Statler hotel, Washington, May 9-10.

Italian Firms Get Import Licenses For Dollar Purchase of Chemicals

The small business office of the Economic Cooperation Administration has issued a second list of import licenses approved by the Italian government during the period March 1-15. Items are to be purchased from the United States utilizing non-ECA dollars.

American firms interested in the bids are invited to contact the licensees directly and immediately. Although some of these concerns may have a specific supplier in mind, ECA emphasized that trade opportunities were open to all. Names and addresses of the Italian firms granted licenses, the commodities desired and their approximate value, are contained in the following list:—

Alkanolamine for synthetic cleansers—Soc. Eigenmann & Veronelli, Via Asole 2, Milan, $3,400.

Analytical chemicals—S. A. Bepetit, Via Caio Mario 13, Rome, $150.

Animal glands, powder—Laboratorio Prodotti Biologici Braglia, Via Correggio 4, Milan, $10,500.

Asphalt—M. Ettore & C., Via Donati 12, Torino, $2,300.

Aureomycin—A.L.F.R., Catania, $20,000.

Butyl alcohol, secondary—Filli Masciadri, Via Vezza d'Oglio 8, Milan, $10,000.
New York Mercantile, Via dei Pontefici 3, Rome, $10,000.

Candle wax—Pietro P. Moretti, Via Marco Polo 5, Genoa, $10,000.

Cellulose acetate—Soc. Ferrania, Corso Matteotti 12, Milan, $13,150.
Flakes—Soc. Italiana della Celluloide, Castiglione, Olona, $80,000.
Powder—Soc. Italiana della Celluloide, Castiglione Olona, $30,000.
S.A. Pazzucchelli, Castiglione Olona, $30,000.
Waste—FRIVLAM, Corso Venezia 9, Milan, $49,000.

Ceresin—E. Rossi & Figlio, Foro Bonaparte 53, Milan, $8,500.

Chrome oxide, green—Soc. An. Firelli, V. le Abruzzi 94, Milan, $200.

Diacetone alcohol—Pancom, Via Durini 27, Milan, $4,000.

"Diatrin" Warner—Soc. An. A. Angiolini & C., Via Balzaretti 11, Milan, $18,000.

Fusel oil—Montecatini, S. A., Via Salandra 13, Rome, $32,700.

Glue accelerator—Aldo Garzanti, Via Spiga 28/30, Milan, $5,900.

Isopropyl alcohol—Soc. Montecatini, Via Salandra 13, Rome, $41,600.

Isotilic alcohol—Ind. Chimiche Barzaghi, Via G. Arrivabene 15, Milan, $3,800.

Kaolin—Soc. Pirelli, V. le Abruzzi 94, Milan, $300.
Pirelli, V. le Castro Pretorio 122, Rome, $2,500.

Leucosol blue BR—Aldo Garzanti, Via Spiga 28/30, Milan, $700.

Lithium floride—Smalteria & Metallurgica Veneta, Bassano del Grappa, $4,400.
Hydroxide—Fabbriche Accumulatori Hensemberger, Monza, $2,000.

Liver extract solution, concentrated, with vitamin B-12—A.L.F.R., Catania, $15,000.

Lubricating oil, mineral—Soc. Elli & Zerboni & Co., Corso Venezia 11, Torino, $260.

Maleic resin, terpene-modified—Soc. Eigenmann & Veronelli, Via Asole 2, Milan, $5,300.

Medical products—E.N.D.I.M.E.A., Via Gaeta 3, Rome, $18,500.

Menthol crystals—S.A. Carlo Erba, Via Borgognona 2, Rome, $4,800.
S.A. Materia Coloniali, Via Giulini 4, Milan, $4,700.

Methyl methacrylate in residues—S.A. Fratelli Guenzani fu Andrea, Cassano Magnago, $1,100.

Phthalate—Italo Cremona, Gazzada, $3,400.

Testosterone—Laboratori Italiani Robin, Via Gen. Govone 66, Milan, $4,000.

Organic chemicals—Aldo Garzanti, Via Spiga 28/30, Milan, $1,200.

Paint for steel surfaces—S.A F.I.A.T., Corso IV November 300, Torino, $5,600.

Paint solvent—Vernici Blume, Via Teglio 12, Milan, $8,600.
Soc. Eigenmann & Veronelli, Via Asole 2, Milan, $3,900.

"Parlon"—S.A. Eigenmann & Veronelli, Via Asole 2, Milan, $5,400.

Pepsin, granular—Arnaldo Fiorini, Via Vasto 4, Milan, $1,500.

Penicillin C—Soc. Farber, Via delle Ore 4, Milan, $750.
G. crystallized—Soc. Farber, Via della Ore 4, Milan, $35,000.
Laboratori Italiani Robin, Via Gen. Govone 66, Milan, $35,000.
A.L.F.R., Catania, $35,000.
C.I.F., Catania, $35,000.

Penicillin procaine crystals—Soc. Farber, Via delle Ore 4, Milan, $6,000.

Phenolic resins—Soc. F.I.C.I.S., Corso Lodi 83, Milan, $2,400.

Phosphate rock—S.I.C.E.A., Via Marche 1, Rome, $120,000.

Pine oil—S.A.M.A.G.A., Via Gen. Govone 74, Milan, $2,000.

Polyvinyl chloride waste—Ing. Tito Sacco, V. le Tunisia 32, Milan, $36,000.
Pancom, Via Durini 27, Milan, $14,000.

Laminated resins—FIAT, Corso IV November 300, Torino, $11,000.

Progesterone—Soc. Farber, Via delle Ore 4, Milan, $2,500.

Propylene, technical—Soc. Montacatini, Via Salandra 13, Rome, $500.

Pyrethrum extract—New York Mercantile, Via dei Pontefici 3, Rome, $10,000.

"Pyrin 80"—G. Zambon & C., Piazzale Giusti 12/A, Vicenza, $5,100.

Rosin—Cesarini, Via del Campo 12, Genoa, $20,000.
S.I.P.E., Piazza Soziglia 12/20, Genoa, $19,000.
Giuseppe Cambiaghi, Via A. Manuzio 15, Milan, $19,000.
S.I.R.N.E., Via Canova 10, Milan, $2,000.

WW—S.A.S. Fassin & Ferrero, Via O. Morgari 10, Torino, $4,000.
Aziende Chimiche Angelini, Via di Villa Lais 1, Rome, $2,800.
Luciano Cambiaghi, Via Giambellino 11, Milan, $9,500.

"Santogel" products—Pietro Carini, Via Santa Marta 23, Milan, $3,100.

Silver paste—Calcografia & Carte Valori, Via A. Sciesa 4, Milan, $1,350.

Sodium alginate—S.A. Eigenmann & Veronelli, Via Asole 2, Milan, $1,780.

Softeners and plasticizers for textiles—S.A. Eigenmann & Veronelli, Via Asole 2, Milan, $2,150.

Solvent naphtha—Attilio Carmagnani, Portici F. Turati 4/10, Genoa, $250.
S.I.A.P., Via Rasella 6, Rome, $26,800.

Soya lecithin—S.A. Motta, V. le Corsica 21, Milan, $800.
Beghe' & Ciappetta, Via Isonzo 25, Milan, $3,100.

Special plasticizer for cellulose acetate—S.A.A.-R.C.A., Via L. Galvani 12, Milan, $2,000.

Squibb "Rubramin"—Laboratori Palma, Via Bissolati, Rome, $10,000.

Streptomycin, calcium—S.A. Farmaceutici Italia, Via Albania 9, Milan, $20,000.

Streptomycin and dihydrostreptomycin sulphate—Laboratori Italiani Robin, Via Gen. Govone 66, Milan, $25,000.

Styrene resin for synthetic rubber reinforcement—Superga, Via Verolengo 28, Torino, $2,800.

Sulphamerazin—S. A. Bepetit, Via Carlo Mario 13, Rome, $6,600.

Synthetic cyclocized rubber—S.A. Eigenmann & Veronelli, Via Asole 2, Milan, $1,100.

Organic dyes—Super Iride, Prato, $1,900.
S.A.A.R.C.A., Via L. Galvani 12, Milan $2,000.
Soc. Giacomo Pasini & Figli, Via Veglia 38, Milan, $2,800.
Chemitalia Colori, Via M. Loria 76, Milan, $22,200.
Aldo Garzanti, Via Spiga 28/30, Milan, $2,000.
Soc. F.I.C.I.S., Corso Lodi 83, Milan, $4,200.
Cotonificio Valle Ticino, Via Borgonuovo 9, Milan, $2,000.
Soc. Impex, Piazza Matteotti 1/3, Genoa, $3,600.
Super Iride, Prato, $12,100.
S.A.A.R.C.A., Via I. Galvani 12, Milan, $800.

Testosterone proprionate—Consorzio Farmaceutico Nazionale, Via Santa Cecilia 5, Milan, $1,750.

Textile chemicals—S.A. Ledoga, Via Carlo Tenca 32/34, Milan, $15,000.

Textile and tanning chemicals—Commerciale Minera, Via S. Radegonda 8, Milan, $1,600.

Titanium dioxide, rutile—Beghe' & Chiappetta, Via Isonzo 25, Milan, $5,000.

Turpentine oil—A. Sutter, Quarto dei Mille, $29,000.
S. A. Lavorazioni Chimiche e Imballaggi Metallici, Via Melzi d'Eril 26, Milan, $52,000.
Giovanni e Pietro F. lli Tassani, Via al Santuario N.S. della Guardia 44, Genova Bolzaneto, $6,200.
Montecatini, S.A., Via Salandra 13, Rome, $20,000.
Paramatti, Via S. Francesco d'Assisi 3, Torino, $30,300.
Angelo Gabbiani & C., Via Carlo Poma 61, Milan, $6,200.
ICMESA, Via Spiga 30, Milan, $5,200.
Soc. F.I.C.I.S., Corso Lodi 83, Milan, $24,000.
Chiver, Via Monviso 28, Milan, $9,700.
Colorificio Parolini, Sesto San Giovanni, $8,000.
Aziende Chimiche Angelini, Via di Villa Lais 1, Rome, $8,000.
Vernici Italiane Standard, Via Lodovico da Breme 79, Milan, $24,000.
Prodotti Tecnici Gamma, Via G. Revere 9, Milan, $9,500.
F.lli Masciadri, Via Vezza d'Oglio 8, Milan, $11,500.

—*Continued on page 67*

In New Wyandotte Chemicals Corp. Positions

William R. Day (left) has been appointed assistant to the president, and Ford Ballantyne, jr., has been elected a vice-president of Wyandotte Chemicals Corporation, Wyandotte, Mich. Mr. Ballantyne joined the company in 1942 as a member of the staff of S. T. Orr, vice-president in charge of manufacturing. Following this, he became assistant to the general vice-presidents, assistant vice-president and, in 1949, assistant to the president and secretary. Mr. Day, who joined the company in 1944, and has been head of the patent section of the research and development division, will direct the company's legal activities in addition to his other duties as assistant to the president.

Chemical Consultants Argue Service Setups

The relative merits of individual and associate practice were discussed by members of the Association of Consulting Chemists and Chemical Engineers at its dinner meeting April 25 in New York. The shortcomings of the two methods also got some attention.

Charles Davidoff, consulting metallurgist, presented the case for the individual practitioner. Dr. Robert S. Aries, of R. S. Aries & Associates, opened for the other side. The evident conclusion, after a number of members had supplemented the major presentations, was that the matter depended largely on the individual.

Mr. Davidoff emphasized the direct relationship of the individual consultant and his clients, also the greater freedom of action which operating alone allowed. When the individualist needs additional or extraordinary advice, he is at liberty to engage the man whom he considers best fitted to the need.

Another point made by Mr. Davidoff was the economy of individual practice, because of little, if any, burden of administrative and organization work and low sales expense because of his reliance on personal contacts. This point was questioned by Dr. Aries and other discussers, also defended by some. As presented by Mr. Davidoff it hinged on small expenditure for advertising. His opponents raised the point of time spent in hunting clients. In his experience all endeavors represented in cost of money and time little more than 1 percent of his gross income. On the other side, the estimates got up to as much as 10 percent in money plus 20 percent in time. The average, however, was less than 5 percent. The individual has trouble getting publicity for his achievements, it was said, because technical publications are averse (a letter was so quoted) to opening the door for requests from all consultants.

Mr. Davidoff's third point was the type of service to be rendered. Most individuals specialize, but, he said, this was not necessarily confining, and the consultant could well be a "Chinese doctor" in preventive service or a general practitioner in remedying ills. Another point was the personal nature of the relationship between client and consultant in which the respect of confidences was most important.

Pointing out that the individual membership of the association was but 31 percent, Dr. Aries said that that reflected the general economic trend toward groupings. He cited chemical manufacturers to support his contention that size had a potent influence for growth and service. He carried this on to make the point that even outstanding work of an individual is soon forgotten.

Because of the complications and diversifications of modern chemical industry, a lone consultant may have difficulty in fitting himself to serve it, Dr. Aries said. The individualist also is likely to "dry up" in his specialty, or to find competition from manufacturing companies selling know-how. Better continuity is possible in group practice, because the individual cannot be in two places at once to take care of an emergency need of a client.

One discusser brought up that bete noir of the private consultant, the so-called "nonprofit" foundation, favored, he declared, by government and the technical press. All should be reorganized into that class he urged. It was declared by another that it was the clients who got the publicity for the "foundations," why not for the private practitioner?

The point was made that young men would find associate or corporate practice better; but older men had difficulty in fitting into teams. The desirability of a specially trained consultant being the spark-plug for a group of assistants was argued. "Pack howling," said one veteran, might make more money, but the service cou'd show diminishing returns. The value of the group, especially in complex problems, depended fundamentally on the competence of its members, it was declared.

Fleming, Woburn Merge

Fleming Chemical Company, New York, merges with the Woburn Chemical Corporation, Harrison, N.J., today. The new joint sales organization is called Woburn Fleming Chemical Sales Company, and will function as a division of the Woburn company. J. P. Fleming will act as general manager of Woburn Fleming.

NPVLA Paint Parley Set

The wholesale-distributors division of the National Paint, Varnish and Lacquer Association will hold its mid-Summer conference on July 18-19 at the Homestead, Hot Springs, Va.

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- ★ **Iodine, resublimed** U. S. P.
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- ★ **Hydriodic Acid, 45%** Chemically Pure
- ★ **Hydriodic Acid, 57%** Chemically Pure
- ★ **Hydriodic Acid, Fuming (70%)** Chemically Pure
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Current Market Quotations

Chemicals and Related Materials

April 28, 1950

Unless otherwise indicated, listings are first-hand quotations on large lots, f.o.b. New York. Changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4. The figures in the two columns do not represent bid and asked prices nor a range over the week. They are the quotations prevailing on the date above, on the basis of differences in one or more of these factors:—Quantity, quality, locality, individual supplier's views.

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A

Acacia (see Gum, arabic).
Acenaphthene, m.p. below 92.5 C., dms., works lb 40 - —
above 92.5 C, dms., works lb. .50 - —
Acetaldehyde, 99%, dms., c.l., frt. equald lb. .11½- —
l.c.l., frt. equald lb. .12 - .12½
tanks, frt. equald lb. .09½- —
Acetaldol (see Aldol).
Acetamide, tech., fib., dms lb 45 - —
Acetanilide tech., bbls., c.l., dlvd. or frt. equald lb. .22 - —
l.c.l., ton lots lb. .23 - —
smaller lots lb. .26 - —
USP, bbls., 2,000-lb. lots lb 50 - —
smaller tots lb 56 - —
Acetic anhydride dms., c.l., frt. alld. E lb 13 - —
l.c.l., frt alld. E lb. .14½- —
tanks, frt. alld. E lb. .11½- —
Acetoacetanilide, bbls., dlvd. lb. 67½- —
fib. dms., c.l., dlvd lb. .66½- —
l.c.l., dlvd lb 67½- —
Acetoacetorthoanisidide, fib. dms., works, 500 lbs. or more lb. 1.50 - —
smaller tots, same basis lb 1.75 - —
Acetoacetorthochloranilide, bbls., dlvd lb. 1.15 - —
fib. dms., c.l., dlvd lb. 1.14 - —
l.c.l., dlvd lb. 1.15 - —
Acetoacetorthotoluidide, bbls., dlvd lb. .72½- —
fib. dms., c.l., dlvd lb. .71 - —
l.c.l., dlvd lb. .72 - .73
Acetone, CP, dms., c.l., dlvd lb. .09 - —
l.c.l., dlvd lb. .09½- .10
tanks, dlvd lb 07½- —
Methyl (see M).
Acetonitrile, dms., c.l., works lb. 43 - —
l.c.l., works lb. 45 - —
Acetophenetidin USP, bbls., works, frt. equald lb. 1.10 - 1.33
Acetophenone cns., dms lb 1.30 - 1.35
tech., l.c.l., dms., works lb. 75 - —
Acetoactoparaphenetidide, dms., 500 lbs. or more, works. lb. 1.65 - —
smaller lots same basis lb. 1.90 - —
Acetyl chloride, cbys., works lb. 50 - .60
Acetyltributyl citrate, dms lb. .43 - .54
smaller pkgs lb. .48 - .54
Acetyltriethyl citrate, dms lb. .36 - .38
smaller pkgs lb. .41 - .47
Acid, abietic, com'l, dms., c.l., works lb. .10 - —
l.c.l., works lb. .1145- —
cryst., dms., c.l., works lb. .05½- —
l.c.l., works lb. .06 - .06½
Acetic, com'l or redist., 23%, bbls. 100 lbs. 4.00 - —
56%, bbls 100 lbs. 7.00 - —
70%, bbls 100 lbs. 8.40 - —
80%, bbls 100 lbs. 9.40 - —
glacial, synthetic, CP, dms., works 100 lbs. 13.00 - —
cbys., works 100 lbs. 18.00 - 22.00
USP, cbys., works 100 lbs. 13.50 - 17.50
tech., dms., c.l., works 100 lbs. 9.00 - 9.50
l.c.l., works 100 lbs. 9.50 - 10.00
tanks, works 100 lbs. 7.50 - —
Acetic acid price ranges above are for 40 bbls. or more and for smaller lots. Carboys and cases are 50c. per 100 lbs. higher.
Acetic annydride (see Acetic anhydride above).
Acetylsalicylic, USP, special, bbls., makers, primary distrib., point of ship't, 100-lb. lots lb. .53 - —
standard, fine, cryst., gran., (30-40 mesh) powd. (80 mesh), bbls same basis. lb. .50 - —
Freight equald, ship't identical quantity over standard routes, from N. Y., Phila., Midland, Mich., Chicago and St. Louis.
Aconitic, 5,000 lbs. 1 shipt., dms lb. 49 —
smaller lots, dms lb. 49½- .54½
Adipic, fib. dms., works lb. .26½- —
Aminoacetic NF, bbls., frt. adjusted lb. 1.50 - 1.75
Anthranilic resub., bbls lb 2.10 - —
tech., bbls lb. 1.10 - —
Arsenous, tech (see Arsenic, white)
USP (see Arsenic trioxide).
Ascorbic USP dms., 500-kilo lots kilo.24.50 - —
25-50 kilo lots kilo.25.00 - —
10-kilo lots kilo.25.35 - —
5-kilo lots kilo.25.70 - —
bots., kilo lots kilo.26.41 - —
500 grams kilo.27.47 - —
Battery cbys., c.l., E. works. 100 lbs. 1.60 - 1.75
l.c.l., E. works 100 lbs. 2.15 - 2.62
Benzoic, tech., bbls., dms., 100 lbs. or more lb. 43 - —
USP, bbls., dms., 100 lbs. up lb 54 - —
Betahydroxynaphthoic bbls., works lb. 1.25 - —
Boric, tech. 99½%, cryst., bgs., c.l., works ton.115.25 - —
ton lots ex whse, N. Y. or Chi ton.160.00 • —
less ton lots, same basis. ton.165.00 • —
bbls., c.l., works ton.135.25 • —
ton lots, ex whse., N. Y. or Chi ton.180.00 • —
less ton lots, same basis. ton.185.00 • —
bulk, c.l., works ton.111.75 • —
gran., bgs., c.l., works ton.90.25 • —
ton lots ex whse., N. Y. or Chi ton.135.00 • —
less ton lots, same basis. ton.140.00 • —
bbls, c.l., works ton.110.25 • —
ton lots, ex whse., N. Y. or Chi ton.155.00 • —
less ton lots, same basis. ton..160.00 • —
Acid, boric, tech., 99½%, gran., bulk, c.l., works ton.86.75 - —
powd., bgs., c.l., works ton.95.25 - —
ton lots, ex whse., N. Y. or Chi ton.140.00 - —
less ton lots, same basis. ton.145.00 • —
bbls., c.l. works ton.115.25 • —
ton lots, ex whse., N. Y. or Chi ton.160.00 • —
less ton lots, same basis. ton.165.00 • —
bulk, c.l., works ton.91 75 • —
USP $25 per ton higher.
Broener's, bbls lb 1.34 - —
Butyric, 99%, dms., c.l., works lb. .34½- —
l.c.l., works lb. .35 - —
tankcars, works lb. .33 - —
Cacodylic, bots. lb.10.00 - 11.00
Camphoric, natural, dms lb. 5.00 - 5.65
synth., dms lb. 4.00 - 4.75
Capric, tech., dms lb. .40½- —
Caprylic, dms lb. .40½- —
Castor oil, split, dms lb. .27 - .27½
Chlorosulphonic dms., c.l., works. lb. .03¼- —
l.c.l., works lb. .03¾- —
tanks, works lb. .02¾- —
Chromic, 99½-99¾%, dms., c.l. works lb. .25½- —
l.c.l., works lb .26 - .27
USP (see Chromium trioxide).
Cinnamic, refd., bots lb 2.50 4.00
Citric, anhyd., gran., fine gran., dms., c.l. lb. .26½- —
10,000 lbs., 1 ship't lb .27 - —
smaller lots lb. .27½- —
kgs. lb. .28½- —
Anhydrous citric acid powder ½c. per lb higher.
USP, cryst., dms., c.l. lb .27½- —
10,000 lbs., 1 ship't lb .28 - —
smaller lots lb .28½- —
kgs. lb. .29½- —
gran., fine gran., dms., c.l. lb. .24½- —
10,000 lbs., 1 ship't lb. 25 - —
smaller lots lb. .25½- —
kgs. lb. .26½- —
USP citric acid powder ½c. per lb. higher.
Cleve's, mixed, bbls lb 65 66
Coconut oil, dist., dms lb. .24 - .25¼
double dist., dms lb. .26 - .27¼
Corn oil, s.d., dms lb. .10½- .11
Cottonseed oil, dist., dms lb. .10¼- .11½
Cresylic, dom., coaltar, 50% above 207°C, non-ret. dms., c.l., frt. equald gal. .81 96
l.c.l., non-ret. dms., same basis gal. .84 .99
ret. dms., c.l., same basis gal. .78 - —
l.c.l., same basis gal. .81 - —
Acid, cresylic, dom., coaltar, 50% above 207°C, tanks, same basis gal. .70 - .85
204° to 207° C, non-ret. dms., c.l., same basis gal. .86 - .96
l.c.l., same basis gal. .90 - .99
ret. dms., c.l., same basis, gal. .83 - —
l.c.l., same basis gal. .86 - —
tanks, same basis gal. .75 - .85
petroleum, 179°C to 198°C, non-ret. dms., c.l., San Francisco and Los Angeles gal. .72½- —
l.c.l., same basis gal. .74½- .76½
tanks, same basis gal. .62 - —
195° to 213°C, non-ret. dms., c.l., San Francisco and Los Angeles gal. .60½- —
l.c.l., same basis gal. .62½- .64½
tanks, same basis gal. .50 - —
200°C to 222°C, tanks, Wilmington, Cal. gal. .50 - —
211°C to 236°C, non-ret. dms., c.l., San Francisco and Los Angeles gal. .58½- —
l.c.l., same basis gal. .60½- .62½
tanks, same basis gal. .48 - —
220°C to 242°C, tanks, Wilmington, Cal gal. 46 .51
237°C to 265°C, non-ret. dms., c.l., San Francisco and Los Angeles gal. .56½- —
l.c.l., same basis gal. .58½- .60½
tanks, same basis gal. .46 - —
245°C to 298°C, tanks, Wilmington, Cal gal. .46 - —
295°C to 325°C, tanks, Wilmington, Cal gal. .36 - —
imported, coaltar, 75% at 215°C or over, dms., c.i.f. gal. .46 - .50
Crotonic, fib dms., works lb. .29 —
Cyanoacetic, tech., bbls lb. .90 1.25
Desoxycholic lb.17.00 - 22.00
Dichlorophenoxyacetic, (see "D", 2, 4-D)
Diethylbarbituric (see Barbital)
Diglycolic, bgs., works lb. .14 - —
Ethylhexoic, dms., c.l., works lb. .31 —
l.c.l., works lb. .31½- —
tanks, works lb. .29½- —
F, bbls., works lb. 1.67 1.93
Folic, bots., fib. ctns., kilo or more gram 2.00 —
Formic, 85%, cbys., c.l., works lb. .13 - .13½
l.c.l., works lb. .13½- .14
90%, cbys., c.l., works lb. .13½- .14
l.c.l., works lb. .14 - .14½
Fumaric, tech., bbls., dms lb. .30 .31
Gallic, NF VII, bbls., 1,000-lb. lots lb. 1.60 —
smaller tots lb. 1.63 1.65
technical, bbls., 1,000-lb. lots lb. 1.43 —
smaller lots lb. 1.46 1.43
Gamma, bbls lb. 1.20 —
Acid, gluconic, tech., 50%, bots. lb. .23 - .31
dms. lb. .14 - —
kgs. lb. .16 - —
Glutamic, lacvo, 99%, fiber dms., 100 lb. lots, works lb. 2.30 - 2.40
25 lb. lots lb. 2.45 - —
Glycerophosphoric, 35%, dms., works lb. 2.15 - 2.25
Glycolic (see Acid, hydroxyacetic).
H, 100% basis, bbls., works lb. .73½- —
Hydriodic, 45-47%, cbys lb. 2.57 - 2.59
57%, cbys lb. 2.86 - —
Hydrobromic, medicinal, 48%, cbys., dlvd. E lb. .33 —
tech., 48%, cbys., dlvd. E lb. .34 - .36
24% cbys., dlvd. E lb. .35 - .37
Hydrochloric (see Acid, muriatic).
Hydrocyanic, cyls., works lb. 1.00 - —
dilute, NF, 2%, 5-lb. bots lb. .37 - —
Hydrofluoric, anhyd., cyls., works. lb. .19 - .19½
tanks, works lb. .16½- —
30%, wood or rubber, dms., works lb. .06½- .09
70%, steel dms., works lb. .143 - .146
Hydrofluosilicic, 30-35%, bbls lb. .06 - .09
Hydroxyacetic, tech., 70%, bbls., non-return., Phila lb. .064 - —
tanks, Belle, W. Va., 100% basis lb. .063 - —
Hypophosphorus, purif., 50%, cbys. lb 1.30 - 1.32
USP, cbys lb. .78 - —
J, bbls., works, 100% basis lb. 2.50 - 2.85
L, bbls., works lb. .95 - —
Lactic edible, 50%, bbls., 20 or more lb. .16 - .18
smaller lots lb. .17 - .19
80%, bbls. 20 bbls. or more. lb. .285 - .332
plastic grade, 50%, bbls., 20 or more lb. .19½- —
10 or tess lb. .20½- —
80%, bbls., 5 or less lb. .3495- .3545
tech., 22%, bbls., f.l., works 100 lbs. 5.60 - —
l.c.l., works 100 lbs. 6.20 - —
cbys., works 100 lbs. 6.70 - —
44%, bbls., c.l., works 100 lbs. 10.95 - —
l.c.l., bbls., works 100 lbs. 11.35 - —
cbys., works 100 lbs. 11.85 - —
NF, 85%, cbys lb. .69 - .72
Laurent's, bbls lb. 87 —
Lauric, dist., 85-90%, dms lb. .23 - .25½
60%, dms. lb. .23 - .25½
Linseed oil, reg. dist., dms lb. .2150- .2210
water-white, dms lb. .2450- .2510
Maleic, powd., dms lb. .30 - .31
Anhydride (see M).
Malic, dms lb. .45 - —
Mandelic, NF, dms., 1,000-lb. lots lb. 1.85 - —
smaller lots lb. 1.90 - 2.10
Methacrylic, dms., c.l., and truckloads, works lb. .76 - —
less than truckload, works lb. .76½- .80
Mixed, tanks, nitric unit lb. .05 .06
sulphuric unit lb. .0085- .009
Molybdic, dms., 85%-92%, works lb. .88 - —
Monochloroacetic, purified, flake, 99%, dms lb. .22½- .23¼
tech., flake 96-97%, bbls lb. .18 .19
Muriatic, 18°, cbys., c.l., works. 100 lbs. 1.65 - 1.70
l.c.l., works 100 lbs. 2.05 - 2.75
tanks, works ton.20.00 - —
20°, cbys., c.l., works 100 lbs. 1.90 - 1.95
tanks, works ton.22.00 - —
22°, cbys., c.l., works 100 lbs. 2.40 - 2.45
tanks, works ton.27.00 - —
CP, USP, consumers, cbys., extra, c.l., frt. equald lb. .07¾- —
l.c.l., same basis lb. .09¼- 09¾
5 pint bottles extra, cs., c.l., frt. equald lb. .12¾- —
l.c.l., same basis lb. .14¼- .15¼
Acid, muriatic, CP, USP, prices to dealers 1½c. per pound less.
Myristic, dist., dms lb. .30½- —
Naphthenic 220-230 acidity, dms., works lb. .13 - —
tanks, works lb. .11 - —
230-240 acidity, dms., works lb. .22 - —
tanks, works lb. .19 - —
Naphthol(1)-4-sulphonic (see Acid, Neville and Winther's)
Naphthol (1)-5-sulphonic see Acid, L).
Naphthol(1)-5-sulpnonic,8-amino (see Acid, 5).
Naphthol(1)-3,6-disulphonic,8-amino (see Acid, H)
Naphthol(2)-6,8-disulphonic (see Acid, Gamma)
(5)-7-Sulphonic,2-amino (see Acid, J).
Naphtholsulphonic, mixed (see Acid, Cleve's, mixed)
Naphthylamine(1)-5-sulphonic (see Acid, Laurent's).
(2)-6-sulphonic (see Acid, Broener's).
(2)-7-sulphonic (see Acid, F).
(2)-1-sulphonic (see Acid, Tobias).
Neville and Winther's, dms lb. .88 - —
Nicotinic, USP, dms., frt. adjusted, kilo. 8.00 - 8.30
Nicotinic amide (see Nicotinamide).
Nitric, 36° cbys., c.l., E. works. 100 lbs. 5.00 - —
l.c.l., E. works 100 lbs. 5.40 - 6.10
38°, cbys. c.l., E. works 100 lbs. 5.50 - —
l.c.l., E. works 100 lbs. 5.90 - 6.60
40°, cbys., c.l., E. works 100 lbs. 6.00 - 6.50
l.c.l., E. works 100 lbs. 6.40 - 7.10
42°, cbys., c.l., E. works 100 lbs. 6.50 - 7.00
l.c.l., E works 100 lbs. 6.90 - 7.60
CP, NF, consumers, cbys., extra, c.l., frt. equald lb. .11½- —
l.c.l., same basis lb. .13 - .13¼
5 pint bottles extra, cs., c.l., frt. equald lb. .15½- —
l.c.l. same basis lb. .17 - .18
Acid, muriatic, CP, USP, prices to dealers 1½c. per pound less.
Octoic (see Acid, ethylhexoic).
Oleic (see Oil, red).
Oleum (see Acid, sulphuric, fuming)
Orthocresotinic, dms., ton lots, works lb. .62 - —
smaller lots, works lb. .64 - —

Acacia—Acid, Orthocresotinic

Abbreviations
Used in OPD Market Quotations

ACS	American Chemical Society	dist.	distilled	neut.	neutral.
		dextro.	dextrorotatory	NF	National Formulary
alld.	allowed	distr.	distributor		
ammo.	ammonia	djns.	demijohns	nom.	nominal
amorph.	amorphous	dlvd.	delivered	No.	number
anhyd.	anhydrous	dms.	drums	ord.	ordinary
a.p.a.	available phosphoric acid	dom.	domestic	oz.	ounce
		E.	east	Pac.	Pacific
artif.	artificial	e.p.	end point	pf.	proof
ASTM.	American Society for Testing Materials	equald.	equalized	phos.	phosphate
		F.	fahrenheit	photo.	photographic
		ferment.	fermentation	pkgs.	packages
Be.	Baume	ffa.	free fatty acid	powd.	powdered
bgs.	bags	ffc.	free from chlorine	precip.	precipitated
bbls.	barrels			prod.	producer
bls.	bales	fib.	fiber	pt.	point
bots.	bottles	f.o.b.	free on board	pulv.	pulverized
b.p.	boiling point	F.P.A.	free of prussic acid	purif.	purified
b.p.l.	bone phosphate of lime			redist.	redistilled
		frt.	freight	refd.	refined
b.r.	boiling range	fus.	fused	refy.	refinery
bxs.	boxes			reg.	regular
C.	centigrade	gal.	gallon	resub.	resublimed
cbys.	carboys	gran.	granular	ret.	returnable
CD	completely denatured	grd.	ground		
		i.&a.	iron and aluminum	SD	specially denatured
c.i.f.	cost, insurance, freight	i.b.p.	initial boiling point	s.d	single distilled
				S. E.	southeast
cks.	casks	imp.	imported	secs.	seconds
c.l.	car lots	incl.	included	s.g.	specific gravity
cns.	cans	indust	industrial	ship't	shipment
col.	color			solut.	solution
com'l	commercial	kgs.	kegs	s.u.	standard unit
conc.	concentrated	lacq.	lacquer	synth.	synthetic
CP	chemically pure	lb.	pound	tech.	technical
cps.	centipoises	l.c.l.	less than car lots	USP	U. S. Pharmacopoeia
cryst.	crystal	liq.	liquid		
cs.	cases	m.a.p	mixed aniline point	vis.	viscosity
ctns.	cartons			VM&P	varnish makers & painters
cyls.	cylinders	min.	minimum		
dbl.	double	m.p.	melting point	W	west
denat.	denatured	N.	nitrogen	w.w.	water white
dest.-dist.	destructive-distilled	nat.	natural	whse.	warehouse

A unit-ton is 2,000 pounds of 1 percent of the basic constituent or other standard of the material. The percentage figure of the basic constituent multiplied by the price figure shown, gives the price of 2,000 pounds of the material.

Acid, Oxalic—Alcohol, Propyl

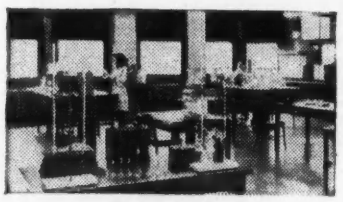
Acid, oxalic, bbls., c.l., works lb. .14¼ - —
10,000 lbs., works lb. .14½ - —
smaller lots, works lb. .15¼ - 15¼
Palm oil, white, dist., dms lb. .21¼ - .21¾
Para-aminobenzoic, purified, dms., 100 lbs. or more, works lb. 3.75 - —
smaller lots, works lb. 3.85 - 4.00
technical, dms lb. 1.84 —
Para-aminosalicylic, dms., 1,000-lb. lots or more lb. 6.50 - —
smaller lots lb. 6.55 - 7.50
Paramethylphenylcinchonic (see Neocinchophen).
Paranitrobenzoic cns. lb. .87 —
Paratoluidinmetasulphonic, bbls., works lb. .92 - —
Peanut oil, s.d., dms lb. .12¾ - .13¾
Perchloric, 60%, cbys., works lb. .58 - .62
70-72%, cbys., works lb. .61 - .66
Phenylacetic, bots lb. 1.51 - 1.75
Phenylcinchoninic (see Cinchophen).
Phenylglycollic (see Acid, mandelic).
Phosphoric, food grade, 75%, chys., c.l., works, frt. equald 100 lbs. 6.50 - —
i.c.l., works, frt. alld. 100 lbs. 7.50 - —
tanks, works, frt. equald 100 lbs. 4.50 - —
NF, 85%, cbys., c.l lb. .10½ - —
For shipments in cbys., add handling charges.
Picramic, bgs. lb. .65 - .70
Picric, tech., bbls. lb. .32 - .33
NF, bbls. lb. .42 - —
Propionic, nat., dms., works lb. .18 - —
tanks, works lb. .17 - —
synth., pure, dms., works lb. .21 - —
tanks, works lb. .19 - —
Pyrogallic, tech., bbls lb. No prices.
NF, cryst., dms lb. 2.95 - 3.18
resub., dms lb. 3.30 - 3.45
Pyroligneous, dms. incr., l.c.l., ex whse. gal. .43 - —

Acid, ricinoleate (see Acid, castor oil, split).
S, bbls., works lb. 2.97 - 3.00
Salicylic, crude, bbls lb. .28 - —
sublimed, tech., bbls., c.l lb. .31 - —
l.c.l. bl. .38 - —
dyestuffs grade, bbls lb. .32 - —
USP, cryst., bbls lb. .40 - —
powder, bbls. lb. .45 - —
Sebacic, purified, dms., c.l., works. lb. .47 - —
l.c.l. works lb. .49 - .53
Soybean oil, single dist., dms lb. .13 - .14¼
double dist., dms lb. .14 - .15¼
Stearic, double pressed, bgs lb. .14 - .15¼
single-pressed, bgs lb. .13 - .14¼
triple-pressed, bgs lb. .16½ - .17½
Succinic, bbls., cryst., purified, works lb. .75 - —
tech., bbls., works lb. .65 - .75
Sulphanilic, tech., dms., c.l., works lb. .15 - —
l.c.l., works lb. .17 - —
Sulphuric, 60° Be, cbys., c.l., works 100 lbs. 1.40 - —
l.c.l., works 100 lbs. 1.80 - 2.50
tanks, works ton. 14.40 - 14.50
66° Be, cbys., c.l., works 100 lbs. 1.65 - —
l.c.l., works 100 lbs. 2.05 - 2.75
tanks, works ton. 17.75 - 18.00
98%, tanks, works ton. 18.80 - 19.00
CP, NF, consumers, cbys., extra, c.l., works, frt. equald lb. .07¾ - —
l.c.l., same basis lb. .09¼ - .09¾
5 pt. bottles extra, cs., c.l., works, frt. equald lb. .11¼ - —
l.c.l., same basis lb. .12¾ - .13¾
fuming, 20%, tanks, works ton. 19.85 - 20.00
Tallow, dist., dms lb. .10½ - .11¾
Tannic, tech., 60-62%, dms lb. .68 .69
70-72%, dms. lb. .80 .85
75-76%, dms. lb. .86 .90

Acid, tannic, fluffy, bbls., 1,000-lb. lots lb. 1.45 - —
smaller lots lb. 1.46 - 1.55
powder, bbls., 1,000-lb. lots lb. 1.35 - —
smaller lots lb. 1.36 - 1.50
Tartaric, USP, dom., 230, 250 lb. dms., 10,000 lbs., 1 ship't. lb. .31½ - —
smaller lots lb. .32 - —
100-lb. dms lb. .33 - —
small, dms lb. .35 - .37
imported, kgs lb. .28 - .30
Thioglycolic, refined, bbls., cbys., basis 100% lb. 1.60 - 1.80
tech., bbls., cbys., basis 100% lb. 1.40 - —
Tobias, bbls. lb. .65 - —
Trichloroacetic, bots. lb. 2.00 - 2.50
Toluenesulphonic, dms., c.l., works lb. .18½ - —
l.c.l., works lb. .20 - —
tanks, works lb. .17 - —
Tungstic, tech., kgs., works lb. 2.20 - 2.40
Aconite leaves, bls lb. .55 - .60
Root, bls lb. .60 - .70
Aconitine, amorph., mild, bots oz. 27.50 - 32.50
cryst., potent, bots oz. 78.00 - 85.00
Acrolein, dms., works lb. .50 - —
Acrylonitrile, dms., c.l., works lb. .40½ - —
l.c.l., works lb. .41 - .60
tanks, works lb. .39 - —
Adeps lanae (see Lanolin)
Adonis vernalis herb, bls lb. .30 - .40
Agar, USP, Kobe, No. 1 strip, bls lb. 1.30 - —
powdered, 30 mesh, fib. dms lb. 1.65 - —
Agaric, white, bls lb. 1.50 - 1.75
Agrimony herb, bls lb. .30 - .35
Alanine, dextro-laevo, dms., works, lb. 8.50 - 11.00
Albumen (egg), edible, flake, bbls lb. 1.17 - 1.19
powd., bbls lb. 1.22 - 1.24
tech., cryst., bbls lb. 78 - .85

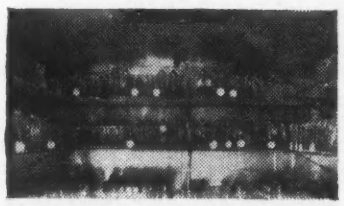
Albumin, blood, dark (see Blood, dried, soluble)
light, dms., l.c.l. lb. .67½ - .72½
Egg (see Albumen).
Alcohol, allyl, dms., c.l., dlvd. lb. .31½ - —
works lb. .32½ - —
l.c.l., dlvd lb. .32½ - —
works lb. .33 - —
tanks, dlvd lb. .30 - —
works lb. .31 - —
Amyl, ex pentane, dms., c.l., frt. alld. E. of Miss lb. .16 - —
l.c.l., frt. alld. E. of Miss lb. .17 - —
tanks, frt. alld. E. of Miss lb. .15 - —
(see also Fusel oil, ref.)
fermentation, refined, 126-132°C, dms., c.l., dlvd lb. .33½ - —
l.c.l., dlvd lb. .34½ - —
tanks, dlvd lb. .32 - —
128-132°C, dms., l.c.l., dlvd. lb. .36 —
ACS grade, dms., l.c.l., dlvd lb. .42 —
Benzyl, dms. lb. 60 .88
tech., dms., works, frt. equald. lb. .45 .50
Butyl, fermentation, normal, tl., ind. prod., dms., c.l., frt. alld lb. .13½ - —
l.c.l., frt. alld lb. .14½ - —
tanks, frt. alld lb. .12 - —
tankwagon, frt. alld lb. .12½ - —
other production, dms., c.l., frt. alld lb. .13½ - —
l.c.l., frt. alld lb. .14½ - —
tanks, frt. alld lb. .12 - —
synthetic, normal, dms., c.l., frt. alld lb. .13½ - —
l.c.l., frt. alld lb. .14½ - —
tanks, frt. alld lb. .12 - —
secondary, dms., c.l., frt. alld. lb. .10½ - —
l.c.l., dlvd., frt. alld lb. .11 - —
tanks, dlvd., frt. alld lb. .09 - —
tertiary, dms., c.l., frt. alld. lb. .13½ - —
l.c.l., frt. alld lb. .14 - —
tanks, frt alld lb. .12 - —
Capryl, dms., c.l., works lb. .26½ - —
l.c.l., works lb. .27½ - —
tanks, works lb. .25 - —
Cetyl, dom., CP., fiber ctns., 1,000 lbs lb. 1.50 —
smaller lots lb. 1.55 —
Cinnamic, bots lb. 2.75 2.95
Denatured, CD12, CD13, CD14, dms., dlvd. E. of Miss. R. gal. .47½ - .48¼
l.c.l., dlvd. E. of Miss. R. gal. .51½ - .57½
tanks, dlvd. E. of Miss. R gal. .37½ - .38½
Tankcar sales require written authorization by Alcohol Tax Unit.
SD1, 190 pf., dms., c.l., dlvd. E. of Miss. R. gal. .47 - —
l.c.l., same basis gal. .51 - .56
tanks, same basis gal. .37 - —
SD2B, dms., c.l., E. of Miss. R. gal. .46 - —
l.c.l., same basis gal. .50 - .55
tanks, same basis gal. .36 - —
SD3A, dms., c.l., E. of Miss. R gal. .45½ - —
l.c.l., same basis gal. .49½ - .54½
tanks, same basis gal. .35½ - —
SD23A, dms., c.l., E. of Miss. R. gal. .48 - —
l.c.l., same basis gal. .52 - .57
tanks, same basis gal. .38 - —
SD23H, dms., c.l., E. of Miss. R. gal. .48 - —
l.c.l., same basis gal. .52 - .57½
tanks, same basis gal. .38 - —
SD27A, dms., c.l., E. of Miss. R. gal. .77½ - —
l.c.l., same basis gal. .81½ - .86½
tanks, same basis gal. .67½ - —
SD30, dms., c.l., E. of Miss. R. gal. .45½ - —
l.c.l., same basis gal. .49½ - .54½
tanks, same basis gal. .35½ - —
SD35A, dms., c.l., E. of Miss. R. gal. .48 - —
l.c.l., same basis gal. .52 - .57
tanks, same basis gal. .38 - —
SD40, dms., c.l., E. of Miss. R. gal. .46½ - —
l.c.l., same basis gal. .50½ - —
tanks, same basis gal. .36½ - —
Proprietary solvent, dms., c.l., dlvd. E. Miss. R. gal. .48½ - —
l.c.l., same basis gal. .52½ - .57½
tanks, same basis gal. .38½ - —
Tankcar sales require written authorization by Alcohol Tax Unit.
Special solvent (see Alcohol, denat., proprietary).
Diacetone, acetone free, dms., c.l., dlvd. lb. .13½ - —
l.c.l., dlvd lb. .14 - —
tanks, dlvd lb. .12 - —
tech., dms., c.l., dlvd lb. .13 - —
l.c.l., dlvd lb. .13½ - —
tanks, dlvd lb. .11½ - —
Ethyl, 190 pf., USP, tax paid, dms., c.l., dlvd. E. Miss. R. gal. 17.55 - —
l.c.l., same basis gal. 17.59 - 17.64
tanks, same basis gal. 17.45 - —
tax free, dms., c.l., dlvd. E. Miss. R. gal. .45 - —
l.c.l., same basis gal. .49 - .54
tanks, same basis gal. .35 - —
absolute, 200 pf., tax paid, dms., c.l., same basis gal. 18.50 - —
l.c.l., same basis gal. 18.54 - 18.59
tanks, same basis gal. 18.40 - —
Ethylhexyl, dms., c.l., works lb. .30 - —
l.c.l., same basis lb. .30½ - —
tanks, same basis lb. .28½ - —
Furfuryl, tech., cns., works lb. .30 - —
dms., c.l., works lb. .21½ - —
l.c.l., works lb. .23 - —
tanks, works lb. .18 - —
Isoamyl (see Alcohol, amyl refined, fermentation).
Isobutyl, dms., c.l., dlvd lb. .13½ - —
l.c.l., works lb. .14½ - —
tanks, dlvd lb. .12 - —
Iso-octyl, dms., c.l., works lb. .29¼ - —
l.c.l., works lb. .29¾ - —
tanks, works lb. .27¾ - —
Isopropyl, refd., 91%, dms. incl., c.l., dlvd. gal. .42 - —
l.c.l., dlvd gal. .45 - —
tanks, dlvd gal. .32 - —
95%, dms. incl., c.l., dlvd gal. .43½ - —
l.c.l., dlvd gal. .46½ - —
tanks, dlvd gal. .33½ - —
99%, dms., incl., c.l., dlvd gal. .45 - —
l.c.l., dlvd gal. .48 - —
tanks, dlvd gal. .35 - —
Methyl (see Methanol).
Methylamyl (see Carbinol, methyl-isobutyl).
Nonyl (see Trimethylhexonal).
Octyl, perfumer's grade, bots lb. 2.15 - 3.25
technical (see Octanol normal).
Pantothenyl (see Panthenol).
Phenylethyl, cns. lb. 1.40 - 1.70
Polyvinyl, type A, fiber-pack, Niagara Falls lb. .65 - .70
type B, fiber-pack, same basis lb. .60 - .68
Propyl, normal, dms., c.l., dlvd. lb. .09½ - —
works lb. .08 - —
l.c.l., dlvd lb. .10 - —
works lb. .08½ - —
tanks, dlvd lb. .08 - —
works lb. .06½ - —

AT YOUR SERVICE—First to introduce the aluminum collapsible tube in America, Alcoa has continued to pioneer in its development. In our modern packaging laboratory, tests are constantly being conducted on many different products packaged in Alcoa Tubes. Pharmaceuticals, shaving and dental creams, cosmetics, adhesives and technical compounds have all been tested with success. These modern facilities are at your service at no charge to you. Just write:



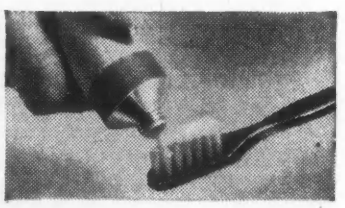
SCIENTIFIC TESTING is performed in this fully equipped laboratory which contains every facility for accurate testing of product behaviour in aluminum tubes.

ALUMINUM COMPANY OF AMERICA
1753E Gulf Bldg. • Pittsburgh 19, Pa.



NO GUESSWORK: We make sure your product is right for aluminum tubes. That's why we never recommend aluminum until after a 3-month (minimum) storage test has been run in this high-temperature (100°-102° F) cabinet.

PERIODIC CHECKS (every 30 days) are made during the high-temperature storage test. Tubes are opened, examined under a microscope—contents are carefully checked.



ALL ANGLES are considered. Consumer Use Tests (using the tube as a consumer would in using your product) are frequently made. When tubes are empty, they're examined inside and out for evidence of failure.

Here are some of the industrial products now packaged in Alcoa Aluminum Tubes:

Automotive Body Cleaner Buffing Compound Caulking Compound Cold Solder
Gasket Cement Gear Lubricant Glazing Putty Hand Cleaner Ink
Liquid Hide Glue Marine Glue Outboard Motor Lubricant Paint Pigments Polishing Compound
Rubber Cement Silicone Compound Spot Putty Trim Cement Weather Strip Cement

Alcohol, salicyl (see Saligenin).
Tetrahydrofurfuryl, cns., Cedar Rapids, ia. lb. .47 - —
dms., c.l., Waverly, N. Y. lb. .40 - —
l.c.l., same basis lb. .44 - —
tanks, Niagara Falls, N. Y. lb. .36 - —
Aldol, 95%, dms., works lb. .15 - .16
denaturing grade, dms. gal. 1.33 - 1.48
Aletris root, bgs. lb. 1.50 - 1.60
Algin, bbls., fib. dms. lb. .76 - 1.20
Alizarin (see Red, alizarin)
Alkanet root, bgs. lb. .35 - .40
Allethrin, 100%, dms., 1 to 10 dm. lots lb. 45.00 - —
smaller lots, works lb. 50.00 -55.00
solution, 20%, dms., 100 lb. lots, works lb. 9.00 - —
10%, dms., works gal. 37.75 - —
2%, dms., works gal. 7.75 - —
Allspice, Jamaica (see Pimento).
Guatemalan, bgs. lb. .19 - .19½
Allyl bromide, cbys., 5,000 lbs., works lb. .89 - —
smaller lots, works lb. 1.05 - 1.10
Chloride, dms., c.l., dlvd. lb. .16½- —
l.c.l., dlvd. lb. .17 - —
tanks, dlvd. lb. .15 - —
Starch, solid, dms., works lb. .58 - —
solution, 40%, dms., works lb. .279 - .297
50%, dms., works lb. .446 - —
Aloe, Cape, cs. lb. .21 - .23
Curacao, kgs. lb. .35 - .36
Socotrine, kgs lb. .35 - .36
Aloin, USP, bbls., dms., kgs. lb. 3.50 - —
Alphacellulose, bgs., c.l., works lb. .04 - .15
Alphanaphthol, bbls. lb. .70 - —
Alphanaphthylamine, bbls. lb. .41 - .42
Alphanaphthylthiourea, 93-98%, fib. dms., works, frt. alld lb. 2.00 - 2.40
Alphanitronaphthalene, bbls lb. .34 - —
Alphapicoline, ref. dms., c.l., works, frt. equald lb. .29½- —
l.c.l., works, frt. equald lb. .30 - —
Alphapinene, tanks, South, works gal. No prices.
Alphaterpineol, dms., t.c.l., dlvd. f.o.b. lb. .17 - —
Alphatocopherol, bots. kilo. 350.00 - —
Acetate, bots. kilo. 330.00 - —
Althea root, NF, peeled, bls lb. .30 - .40
Alum, ammonia, gran., bbls., works, 100 lbs. 3.80 - —
lump, bbls., works 100 lbs. 4.05 - —
powd., bbls., works 100 lbs. 4.20 - —
USP, burnt, bbls. lb. .20 - .21
hydrous, bbls. lb. .07¾- .08
Potash, gran., bbls., works 100 lbs. 4.05 - —
lump, bbls., works 100 lbs. 4.30 - —
powd., bbls., works 100 lbs. 4.45 - —
USP, hydrous, bbls. lb. .07¾ .08
Potash-chrome, dms lb. .17 - —
Soda, bbls., c.l., works 100 lbs. 3.25 - —
l.c.l., dlvd 100 lbs. 4.25 - 5.00
Alumina, calcined, bgs., c.l., works lb. .03½- .05
crystalline (see Aluminum oxide).
Aluminum acetate, basic solution, 24%, bbls., l.c.l., works lb. .11 - —
20%, bbls., l.c.l., works lb. .10 - —
Chloride, anhyd., com'l, dms., c.l., works lb. .11 - .11½
l.c.l., works lb. .11½- .12
cryst., com'l, dms., c.l., works lb. .0650- —
l.c.l., works lb. .0690- —
NF, gran., dms., works lb. .27 - .28
solution, 32°, cbys., c.l., works lb. .03¼- —
l.c.l., works lb. .04 - —
Fluoride, tech., anhyd., bbls., c.l., works lb. .10 - —
l.c.l., works lb. .11 - .13
Formate, basic solution, cbys., c.l. lb. .09½- —
t.c.l., works lb. .10 - —
Hydrate, heavy, bgs., c.l., frt. equald ton. 50.00 -54.00
t.c.l., works ton. 72.00 -86.00
light, bgs., dlvd lb .17 - —
Hydroxide, gel, pharmaceutical, 14-15% Al_2O_3, fib. dms., works lb. .21¼- —
contract, works lb. .20¼- —
9-9½% Al_2O_3, fib. dms., works lb. .13¼- —
contract, works lb. .17¼- —
dried, USP XII, fib. dms., works. lb. .79½- —
contract, works lb. .76½- —
powder, tech. (see Aluminum hydrate).
Laurate, precip., bbls lb. .33½- —
Linoleate, solid, dms., frt. alld. lb. .39½
Metal, 98-99%, ingots, 10,000 lbs. lb. .17 - —
pigs, 10,000 lbs lb. .16 - —
Naphthenate, liquid, 1.7% frt. alld lb. .24½- .25
Oleate, dms precip lb. .33¼- —
Oxide, amorphous (see Alumina, calcined).
crystalline, flour, classified, 5-240 mesh, dms., frt. alld lb. .14 - .15
kgs., ton, frt. alld lb. .12½- —
smaller lots, frt. alld. lb .13 - .15
280-400 mesh, dms., frt. alld lb. .32 - .33
kgs., frt. alld lb. .31 - —
600 mesh, dms., frt. alld lb. .35 - .37
kgs., frt. alld lb. .34 - —
600 mesh, dms., frt. alld. lb. .51 - .53
kgs. frt. alld lb .50 - —
optical, floated, kgs., dlvd lb. .38 - .86
unclassified, dms., frt. alld. lb. .16 - .17
kgs., frt. alld. lb .15 - —
high-purity, alpha or gamma, ultrafine, dms., works lb. 13.50 —
bars, works lb. 15.00 -17.00
Aluminum oxide flour prices W of Denver ¾c. per lb. higher.
Paste, lining, extra fine, dms lb. .53 - —
standard, dms lb .29½- —
Powder, lining, extra fine, dms. lb. .96 - —
standard, dms lb. .64½- —
rubber comp., dms lb. .43½- —
unpolished, standard, dms. lb. .44¼- —
varnish standard, dms lb .49 - —

Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. drm., 1½c. per lb. for 50-lb drm., 3c. per lb. for 10-lb. can, and 5c. to 12c. per lb. for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 29,999 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier transportation rate will be made from seller's invoice on orders of 200 lbs. or over.

Resinate, precip., dms., frt. alld. lb. .24 - —
Stearate, dibasic, ctns., c.l. lb .30 - —
l.c.l. lb .31 - —
monobasic, ctns., c.l. lb. .30 - —
l.c.l. lb .31 - —
tribasic, ctns., c.l. lb. .30 - —
l.c.l. lb .31 - —
Sulphate, com'l, bgs., c.l., works, equald 100 lbs. 1.50 - —
t.c.l., same basis 100 lbs. 1.90 —
Iron-free, bgs., c.l., works, frt. equald 100 lbs 2.75 —
t.c.l., works 100 lbs 3.15 —
NF, gran., dms., works lb .27 .28
powd., dms., works lb .32 .33
Trihydrate, heavy (see Aluminum hydrate).
Ambergris, gray, bots. oz. 8.00 -12.00
Aminoazotoluene, bbls. lb. 1.03 - —
Aminomethylpropanol, cns., dms., works lb. .63 - .69
Aminoethylethanolamine, dms., c.l., works lb. .42 - —
l.c.l., works lb. .42½- —
tanks, works lb. .40 - —
Aminophylline, USP, 100-lb. dms. lb. 5.35 - —
Aminopyrine, USP, bats., dms lb. 6.00 - 6.15
Ammonia, anhydrous, fertilizer, tanks, works ton. 74.00 -75.00
pure, cyls., extra, zone 1 lb. .17 - .17½
2 lb. .19 - .19½
3 lb. .21 - .21½
4 lb. .16 - .19½
refrigeration, tanks, works ton. 76.50 -77.50
Aqua 29.4% NH_3, dms., c.l., works 100 lbs. 3.10 - —
l.c.l., works 100 lbs. 3.50 - —
tanks, works, anhyd. basis ton. 80.00 -81.00
Ammoniac gum (see Gum, ammoniac)
Sal, gray, bgs., c.l., works, frt. equald 100 lbs. 6.55 - —
l.c.l., same basis 100 lbs. 6.95 - —
white, gran., bgs. c.l., works 100 lbs. 4.60 - —
l.c.l., works 100 lbs. 6.25 - —
Ammoniacal liquor, tankcars, works, anhyd. basis ton. 75.00 -80.00
Ammonium acetate, purified, dms lb. .39 - .40
reagent, jars lb. .61 - .63
Benzoate, USP, dms., kgs., 4,000 lbs., frt. alld lb. .80 - —
smaller lots, frt. alld lb. .81 - 1.08
Biborate, bbls., c.l., works ton. 302.00 - —
ton lots, works ton. 355.50 - —
less ton lots, works ton. 360.50 - —
Bicarbonate, dms., works, c.l. lb. .05½- —
l.c.l., works, dms lb. .06 - —
Bichromate, bbls., works lb. .31 - .36
Bifluoride, dms., dlvd lb. .18 - .18½
Bromide, gran., NF, bbls. lb. .34 - .37
dms. lb. .37 - .40
powdered ammonia bromide 10c. per lb. higher.

Ammonium carbonate, USP, lump, powd., dms. lb. .18½- .22
Chloride, tech. (see Ammoniac, sal).
USP, gran., bbls., dms. lb. .13 - .19
Citrate, dibasic, bbls. lb. .75 - —
dms. lb. .80 - .85
Fluoride (see Bifluoride).
Hydroxide (see Ammonia aqua).
Hypophosphite, NF, dms. lb. 2.40 - —
Iodide, NF, jars lb. 3.79 - 3.91
Linoleate, plastic, 80%, dms., works lb. .40½- —
kgs., works lb. .42½- —
25%, dms., frt. alld. lb. .21½- —
tech., bbls., works lb. .37 - —
dms., works lb. .39 - —
Molybdate, chemical grade, bbls., kgs. lb. .85 - —
metal grade, kgs lb. .90 - —
tech. grade, bbls., kgs. lb. .80 - —
Nitrate, tertilizer grade, Canadian, 32.5% N, bgs., c.l., shipping point ton. 57.50 - —
dom., ogs., western works ton. 58.00 - —
Nitrate-dolomite, 20.5% N, bgs., Hopewell, Va. ton. 46.00 - —
Oleate, dms., precip lb. .23¼- —
Oxalate, fine gran., dms. lb. .25 - .31
Pentaborate, gran., bbls., c.l., works ton. 212.00 - —
ton lots, works ton. 265.50 - —
less ton lots, works ton. 270.50 - —
Ammonia pentaborate powder, $10 per ton higher.
Perchlorate, kgs., works lb. .50 - .75
Persulphate, kgs lb. .23½- .23¼
Ammonium phosphate, com'l, bgs., c.l., works lb. .06 - —
t.c.l., works lb. .06½- —
dibasic, NF V, bbls., dms. lb. .40 - —
tech., bgs., c.l., works lb. .06 - —
t.c.l., works lb. .06½- —
Salicylate, NF, dms., kgs lb. 1.25 - 1.28
Silicofluoride, dms., works lb. .12 - .13
Sulphamate, bbls., dms., works lb. .18 - .20
Sulphate, coke-oven, bulk, producing ovens ton. 45.00 -50.00
converters', bulk, works ton. 45.00 -50.50
Sulphide, liquid, 40-45% basis, 100%, dms., c.l., works, lb. .10½- —
t.c.l., works lb. .13½- —
tanks, dlvd. or frt. alld. lb. .09 - —
Sulphocyanide, tech. (see Ammonium thiocyanate).
Thiocyanate, tech., bbls., c.l., works lb. .15 —
t.c.l., works lb. .16 - .19
Thioglycollate, commercial, 100% basis, cbys. lb. 1.40 - 1.95
highly purified, same basis lb. 1.70 - 2.25
Thiosulphate, cryst., jars, works lb. .32 - —
Amphetamine citrate, dextro, bots. lb. 36.00 - —
dextro-laevo, dms lb. 6.50 - —
Amphetamine hydrochloride, dextro, dibasic, bots. lb. 36.00 - —
monobasic, bots. lb. 34.00 - —
dextro-laevo, dms. lb. 6.50 - —
Phosphate, dextro, dibasic, bots. lb. 36.00 - —
dextro-laevo, dibasic, dms. lb. 6.50 - —
monobasic, dms. lb. 6.00 - —
Sulphate, dextro, dms. lb. 36.00 - —
dextro-laevo, dms. lb. 6.50 - —

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Amyl Acetate—Black, Carbon, Channel

Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd lb. .19½- —
l.c.l., dlvd lb. .20½- —
tanks, dlvd lb. .18 - —
ex pentane dms., c.l., frt. alld. E. of Miss. R lb. .16 —
l.c.l., same basis lb. .17 - —
tanks, same basis lb. .15 - —
Alcohol (see Alcohol, amyl).
Butyrate, dms lb. .90 1.00
Nitrite, USP, bots lb. 1.75 - 1.83
Salicylate, cns., dms lb. .76 .81
Anethol, NF, cns., dms lb. 1.00 - 1.25
Angelica root, dom., bls lb. .65 .70
imported, bls lb. .70 - .75
Angostura bark, bls lb. .44 .49
Aniline oil, dms., c.l., works, frt. alld lb. .15 - —
l.c.l., works, frt. alld lb. .16 - —
tanks, works, frt. alld lb. .14 - —
Salt, dms., works lb. .26 - —
Anise, Argentine, bgs lb. No stocks.
Chinese, star lb. .15¾- .16
Czech, bgs. lb. .14½- .15
Cyprus, ogs lb. .20 .20½
Mexican, bgs lb. .16¼- .16½
Syrian, bgs lb. .15 Nom.
Turkish, bgs lb. .14½- .15
Anisic aldehyde, bots., dms lb. 2.10 - 2.65
Annatto powder, dms lb. .24 - .25
Seed, bgs lb. .18 - .20
Anthracene, 80-85%, bbls., works lb. 1.10 - —
90%, bbls., works lb. 1.25 - —
Anthraquinone, 99.5%, bbls lb. .85 —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys lb .29 .30
Metal, bulk, c.l., mines lb. .24½- —
cases lb. .25 - —
Oxide, bgs., c.l., frt. alld lb. .21¾- —
l.c.l., frt. alld lb. .22¾- —

Antimony salt, 65%, bgs., c.l., dlvd. E. of Miss lb. No stocks.
Sulphide, 62-64%, bgs., frt. alld., dlvd lb. .20 .23
Antimony potassium tartrate (see Tartar emetic).
Antipyrene, USP, dms lb. 2.35 2.45
Apomorphine, USP, bots. oz. 23.20 -23.70
Archil extract, bbls lb. No stocks.
Areca nuts, powd., bbls lb. .15 - .16
Arecoline hydrobromide, NF, bots. oz. 5.00 5.75
Arginine hydrochloride, laevo. kilo. 70.00 -80.00
Argols, min. 50%, bgs., shipment ports, per 100 kilos (100% purity) 15.00 -16.25
Arnica, flowers, bls lb. .45 .75
root, bls lb. 1.45 —
Arrowroot, powd., bgs lb. .12 - .15
Arsenic, metal, lump, bbls., prompt shipt lb .80 .90
Sulphide, yellow, bbls lb No stocks
Trioxide, USP, dms lb. .40 - .42
White, powd., bbls., c.l., dlvd lb .05½- —
l.c.l., dlvd lb. .06¼- .06¾
Asafetida, cs lb .32 .35
powd., bbls., dms lb .50 .53
Asbestine (see Talc, fibrous, N. Y.)
Asbestos, Canadian, crude, No. 1, c.l. (20 tons), mines ton. 940.00 -960.00
No. 2, c.l. (20 tons), mines ton. 485.00 -492.00
Run-of-mine, c.l. (20 tons), mines ton. 400.00 —
fiber, 3K, c.l. (20 tons), mines ton. 313.00 - —
3R, c.l. (20 tons), mines ton. 267.00 - —
3T, c.l. (20 tons), mines ton. 249.50 - —
3Z, c.l. (20 tons), mines ton. 231.00 - —
4K, c.l. (20 tons), mines ton. 124.50 - —
4M, c.l. (20 tons), mines ton. 124.00 - —
4T, c.l. (20 tons), mines ton. 111.50 -141.00

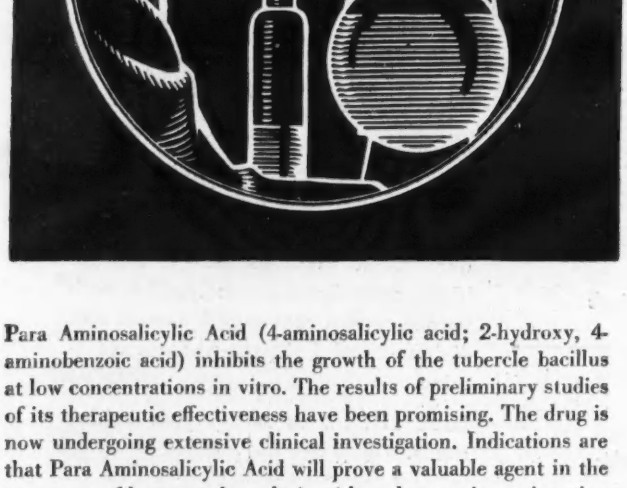
Asbestos, Canadian, fiber, 4Z, c.l. (20 tons), mines ton. 111.50 - —
5D, c.l. (20 tons), mines ton. 88.00 - —
5K, c.l. (20 tons), mines ton. 88.00 - —
5M, c.l. (20 tons), mines ton. 84.00 - —
5R, c.l. (20 tons), mines ton. 78.50 -79.00
6D, c.l. (30 tons), mines ton. 58.00 -59.00
7D, c.l. 30 tons), mines ton. 52.00 -52.50
7F, c.l. (30 tons), mines ton. 49.00 -49.50
7H, c.l. (30 tons), mines ton. 41.50 -42.00
7K, c.l. (30 tons), mines ton. 35.00 -35.50
7M, c.l. (30 tons), mines ton. 30.50 -31.00
7R, c.l. (30 tons), mines ton. 29.50 -30.00
7T, c.l. (30 tons), mines ton. 28.00 -28.50
7RF, c.l. (30 tons), mines ton. 30.50 -31.00
7TF, c.l. (30 tons), mines ton. 30.50 -31.00
8S, c.l. (30 tons), mines ton. 19.00 -27.00

Prices quoted above are in U. S. funds. Add $4 per ton for l.c.l. lots.

Asphaltum, cut-back, tanks, tank wagon, refinery gal. .09 - —
Emulsion, tanks, tank wagon, refinery gal. .09½- .10
Gilsonite, brilliant black, selects 270°-295° F. fusing pt., bgs., f.o.b. Colo. mines ton. 36.50 - —
seconds, 300°-390° F. fusing point, not uniform, bgs., Colo. mines ton. 31.00 - —
jet, bgs., ton lots, gross weight, Colo. mines ton. 36.50 - —
Manjak, No. 10, crude, dms., works lb. .06½- —
process form, bgs., works lb. .05¾- .12
Steam-rfd., less than 80 penetration, tanks, tankwagon, refinery ton. 22.00 —
80-300 penetration, tanks, tankwagon, refinery ton. 21.00 —
Atropine, USP, bots oz. 10.50 -11.50
Sulphate, USP, bots oz. 6.75 - 7.25

B

Bacitracin, wholesalers, unlabeled, topical, 2,000 units vial. .42 - —
10,000 units vial. .80 - —
50,000 units vial. 2.88 - —
Balm of Gilead buds, dried, bgs lb 1.40 1.50
Barbasco root (see Cube root).
Barberry, root bark, bgs lb. .60 .65
tree bark, bgs lb .53 .55
Barbital, USP, dms. lb 4.50 —
Sodium, USP, dms lb 4.75 —
Barium carbonate, precip., bgs., 10 tons and up, works ton. 72.50 -80.00
smaller lots, works ton. 82.50 -90.00
Chlorate, kgs., works lb 25½ .31
Chloride, NF, cryst., dms lb 17 .18
tech., bgs., c.l., works, frt. equald. ton. 90.00 —
l.c.l., works ton. 100.00 - —
Chromate, bgs., frt. equald lb .31½ .32
Dioxide, dms., c.l., works lb 12 —
l.c.l., works lb 12 —
Hydrate, crystals, bgs. lb 09 09½
Hydroxide, anhyd., bbls., works. lb. .19 - —
Iodide, bots. lb 5.12 —
Monoxide (see Oxide).
Nitrate, bbls., c.l., works lb 11½- —
l.c.l., works lb 13 —
Oxide, grd., dms., c.l., works lb. .11 - —
l.c.l., works lb 11½ —
Peroxide (see Dioxide).
Stearate, ctns., c.l lb .34 —
smaller lots lb .35 .36
Sulphate, tech. (see Barytes and Blanc fixe).
X-ray, bbls lb 12½ .13
Sulphide, dms., c.l., works ton. 55.00 —
l.c.l., works ton. 70.00 —
Barium-potassium chromate, dms., c.l., frt. alld lb 20 —
l.c.l., works lb 21 —
Baryte ore, approx. 94% $BaSO_4$, bulk, mines ton 9.40 -12.50
Barytes, water-grd. paper bgs., c.l. St. Louis ton. 35.05 —
l.c.l., same basis ton. 36.85 —
ex whse., N. Y. ton. 49.65 - —
Southern off-color, bgs., mines ton. 19.00 —
95.75%, bgs., mines ton. 20.00 —
Bay leaves (see Laurel leaves)
Belladonna leaf, bls lb .65 1.10
Root, bls lb .50 - .52
Bauxite, bulk, mines ton 8.50 -10.00
Bentonite, 200 mesh, bgs., works. ton. 12.00 - —
Benzaldehyde NF, dms lb. .68 - —
tech., cbys., dms lb. .45 - —
Benzal chloride, cbys., works lb 19 .25
Benzene (see Benzol).
Hexachloride, 99% gamma isomer (see Lindane).
12% gamma, tech., bgs., dms., c.l., works lb. .18 - .21
l.c.l., works lb. .20¼- .23¼
6% gamma, 50% dust, dry, distributors, dms., c.l., dlvd lb. .12 - —
l.c.l., dlvd lb. .13 - —
wet, distributors, dms., c.l., dlvd lb. .15 - —
l.c.l., dlvd lb. .16 - —
Benzidine base, bbls lb. 1.02 - —
Benzocaine, dms lb. 3.25 - 3.35
Benzol (benzene), pure, nitration, tanks, works, Lackawanna, N. Y., Sparrows Point, Md gal. .23 - —
Bethlehem, Pa., Birmingham, Ala., Chicago district, Cleveland district, Dangerfield, Tex., Johnstown, Pa., Minequa, Colo., Philadelphia, Pa.; Pittsburgh district, St. Louis, Mo.; Syracuse, N. Y., Terre Haute, Ind., Woodward, Ala., Wyandotte, Mich., Youngstown, Ohio gal. .22 - —
Benzophenone, dms lb. 1.15 1.70
Benzothiazyl disulfide, 50-lb. bgs., 150-lb. containers, works, frt. alld., ton lots lb. .35 - —
less ton lots, same basis lb. .37 —
Benzoyl chloride, cbys., dms., c.l., works, frt. eq lb. .20½ .21
l.c.l., same basis lb. .21½ .22
Peroxide, pure, 6b. ctns., works. lb. .90 1.05
Benzyl acetate, t.f.c., dms lb. .60 1.00
Alcohol (see Alcohol, benzyl).
Benzoate, USP, f.f.c., cns., dms lb. .80 - —
Chloride, tech., cbys., c.l., works, frt. equald lb. .19 19½
l.c.l., same basis lb .20 .20½
high grade, 2c. higher.
Cinnamate, cns. lb. 3.00 4.00
Formate, cns lb. 1.60 3.50
Propionate, bots lb. 1.34 - 2.30
Salicylate, bots. lb. 1.55 2.25
Benzylidinacetone, bots. lb. 1.85 2.70
Benzylisoeugenol, bots lb. 8.90 9.00
Berberine, bisulphate, cns lb. 45.75 -48.00
Hydrochloride, bots. lb. 45.75 -48.00
Sulphate, cns. lb. 45.75 -48.00
Berberis root, bls lb. .35 .40
Betagammapicoline, dms., c.l., works. lb. .21 - .21¼
l.c.l., works lb. .21½- .22
Betamethylnaphthalene, m.p., 32°C., dms., works lb. .90 —
Betanaphthol, resublimed, dms., works lb. .75 —
tech., bbls., c.l., works lb. .28½- —
l.c.l., works lb. .30½- —
Benzoate, fib. dms., works lb. 1.70 - —
Salicylate, dms. lb. 5.00 - —
Betanaphthylamine, tech., bbls., works lb. .90 - —
Betaphenylethylamine, dms., works, 1,000-lb. lots lb. 1.25 —
smaller lots lb. 1.60 —
Betapicolin, 98%, dms., works lb. .65 - —
Beth root, bls lb 45 .50
Biotin, cryst. gram. 10.00 - —
Bismuth chloride, jars lb. 3.97 - —
Citrate, USP VIII, jars lb. 3.29 - —
Hydroxide, dms lb. 4.20 - —
Metal, bxs., ton lots lb. 2.00 - —
Nitrate, cryst., dms lb. 1.87 - —
Oxychloride, dms. lb. 3.97 - —
Oxide, anhydrous, dms lb. 4.02 - —
Phenolsulphonate, fib. dms lb. 4.70 - —
Subcarbonate, USP, dms lb. 2.80 - —
Subgallate, NF, fib. dms lb. 2.75 - —
Subiodide, fib. dms lb. 4.92 - —
Subnitrate, NF, dms lb. 2.30 - —
Subsalicylate, USP, dms lb. 3.20 - —
Bismuth-ammonium citrate, USP, powd., dms lb. 3.82 - —
Black, acetylene, bgs., c.l., works lb. .13½- —
cs., l.c.l. shipt. point lb. .17 .19
Bone, bgs., bbls., l.c.l., dlvd lb. .14¾- .22¾
Carload price ½c. per lb. less. Deliveries to the Pacific Coast, ex dock or whse., 1½c. per lb. higher.
Carbon, channel, beads, bulk, c.l., works lb. .0650- —
bgs., c.l., works lb. .0690- —
l.c.l., dlvd. or whse lb. .117 .1178
uncompressed, regular, bgs., c.l., works lb. .0832- —
bgs., ctns., l.c.l., dlvd. or whse lb. .13¾- —



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Choline Dihydrogen Citrate
Choline Bitartrate
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(and sodium salt)
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Neocinchophen U.S.P.
Methylene Blue U.S.P.
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BOUND BROOK, N. J.

Black, carbon, furnace, fast extruding, bgs., c.l., works..lb. .05½ - —
ctns., c.l., whse lb 09½ - —
high modulus, bgs., c.l., works. lb. .05 - —
ctns., c.l., whse .. lb. 09 - —
semi-reinforcing bgs., c.l., works lb. 03½ - —
ctns., c.l., whse lb. 07½ - —
very fine, bgs., c.l., works lb 0740 - —
l.c.l., dlvd., or whse.....lb. .12 - —
Charcoal (see C).
Graphite (see G).
Iron oxide synthetic, bgs., c.l., works lb. 10¾ - —
l.c.l., works lb 11 - —
Lamp, bgs., c.l., works..... lb. 07 - .30
Mineral, bgs., works .....lb 0160 - 0675
Black ash (see Barium sulphide)
Blackberry root, bls.....lb. .10 - .12
bark of root, bls .....lb 30 - 32
Black dyes (see Dyes).
Black haw, root bark, bls.....lb. 70 - .80
Tree bark, bls lb. 28 - .30
Black Indian hemp root, bls.... lb 45 - 50
Blanc fixe, dry by-product, bgs., c.l., works ton.80.00 - —
l.c.l., works.....ton.90.00 - —
direct process, bgs., c.l., works ton.85.00 - —
l.c.l., works .....ton.90.00 - —
N. Y whse. .....ton.106.00 - —
bbls., c.l., works..... ..ton.90.00 - —
l.c.l., works ..... ton.95.00 - —
N. Y whse. .....ton.113.00 - —
pulp, 66⅔% bbls., c.l., works, ton.67.00 - —
l.c.l., same basis ton.73.00 - —
Bleaching powder, dms., c.l., works, 100 lbs. 4.50 - —
l.c.l., works .....100 lbs. 5.00 - —
Blood, dried, 16-16½% ammo., bgs., unit-ton. 6.00 - —
high-grade, unground, 16-17% ammon., bulk, Chicago, unit-ton. 6.25 - —
soluble, bgs., ea.....lb. .16 - .17½
l.c.l. .....lb. .17½ - .22
Bloodroot, bls. .....lb. .35 - .40
Blue, alkali, dry, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R. including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis lb. 1.90 - —
Toner, bbls., litho flushed, same basis lb. 1.05 - —
Celestial, bbls., same basis lb. .15 - .16
Chinese, bbls., same basis .... lb. .37 - .42
Cobalt, genuine, bbls same basis. lb. 4.90 - —
imitation (see Blue, ultramarine).
Copper-phthalocyanine, full strength, bbls., same basis lb. 3.75 - 3.85
80%, bbls., same basis lb. 3.00 - 3.40
Iron (see Blue, Chinese, Milori, Potash, Prussian, and Soda).
Methyl violet toner, bbls., same basis lb. 4.20 - —
Milori, bbls., same basis .... lb. .37 - .42
Peacock, fugitive, 100% color strength, same basis lb .60 - .79
Permanent toner, green shade, molybdic, bbls., same basis lb 2.75 - —
tungstic lb 4.00 - —
Potash, CP, bbls., same basis lb. .51 - —
Prussian, bbls., same basis .. lb. .37 - .42
soluble, bbls., same basis .. lb. .37 - .42
Soda, C.P bronze, bbls., same basis lb 39 - —
Ultramarine, cobalt type, dry or pulp, bbls., same basis.lb. .25 - .26½
jobbing type dry bbls., same basis lb. .14 - —
regular types, dry or pulp, bbls., same basis lb. 19 - .29
Victoria toner, molybdic, bbls lb 2.75 - —
Tungstic, bbls .. lb 2.75 - —
Violet toner, molybdic, bbls., same basis lb 1.24 - —
Tungstic, bbls., same basis lb 2.60 - 2.70
Blue dry colors, dlvd. prices ½c. higher Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Tex. (El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher, Pac. Coast, Denver, Pueblo, Salt Lake City, Wichita frt. equalized with Chicago.

Blue dyes are listed under Dyes.
Blueflag, root, bls. ..... lb 45 - .50
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Boldo leaves, bls .....lb. .09 - .12
Bone, raw, bulk, Chicago.....ton.75.00 - —
junk, bulk, same basis.....ton.50.00 - 52.00
Meal, raw, 4½% ammon., 50% phos., bgs., E. works..ton.62.50 - —
Chicago, works .....ton.62.50 - —
steamed, feeding grade, 1% ammon., 60% phos., E. works. ton.60.00 - —
Chicago, works ....ton.62.50 - —
fertilizer grade, 3% ammon., 50% phos., bgs., E. works. ton.62.50 - —
Chicago, works ....ton.62.50 - —
Phosphate, defluorinated (see D, precipitated (see Calcium phosphate tribasic precip).
Boneset leaves, bls .....lb. .16 - .18
Borage flowers, bls .....lb. 40 - 45
Borax, tech, anhydrous, bgs., c.l., works ton.70.50 - —
ton lots, ex whse N. Y. or Chi ton.115.25 - —
less ton lots, same basis, ton.120.25 - —
bbls., c.l., works .....ton.90.50 - —
ton lots, ex whse, N. Y. or Chi ton.135.25 - —
less ton lots, same basis, ton.140.25 - —
bulk, c.l., works ton.64.00 - —
crystals, 99½%, bgs., c.l., works. ton.61.25 - —
ton lots, ex whse, N. Y. or Chi ton.109.50 - —
less ton lots, same basis, ton.111.00 - —
bbls., c.l., works ton.81.25 - —
ton lots, ex whse, N. Y. or Chi ton.126.00 - —
less ton lots same basis, ton.131.00 - —
bulk, c.l., works. ton.57.25 - —
granular, 99½%, bgs., c.l., works ton.35.25 - —
ton lots, ex whse, N. Y. or Chi ton.80.00 - —
less ton lots, same basis, ton.85.00 - —
bbls., c.l., works.....ton.55.25 - —
ton lots, ex whse, N. Y. or Chi ton.100.00 - —
less ton lots, same basis, ton.105.00 - —
bulk, c.l., works ton.31.25 - —
powdered, 99½%, bgs., c.l., works ton.40.25 - —
ton lots, ex whse, N. Y. or Chi ton.85.00 - —
less ton lots, same basis, ton.90.00 - —
bbls., c.l., works.....ton.60.25 - —
ton lots, ex whse, N. Y. or Chi ton.105.00 - —
less ton lots, same basis, ton.110.00 - —
bulk, c.l., works..... ton.36.25 - —
Borax packed in kgs. is $40 per ton higher than borax packed in paper bgs. USP borax $15 per ton higher than tech.

Bordeaux mixture, bgs., c.l., works, frt. alld. or nearest whse. point lb. .15 - .21
l.c.l., same basis..... lb .16 - 23
Borneol, cns. .....lb. 2.25 - 2.50
Bornyl thiocyanoacetate (see (soborny) thiocyanoacetate).
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purified cs. c.l., frt. alld. E. of Rockies lb. .21 - —
1,000 lbs., same basis lb. .23 - —
single pkgs., same basis lb. .28 - —
dms., lead-lined, dlvd ..... lb. .21 - —
Bromoform, pharmaceutical grade. bots. lb. 1.52 - 2.50
cbys. ... lb. 1.42 - —
Bromstyrol, bots lb. 4.85 - 6.25
Bronze powder, aluminum (see A).
Gold, litho., cans, dms., works.lb. .50 - .60
moulding, cans dms., works.lb. .80 - 1.00
printing ink, cans, dms., works lb. .95 - 1.10
radiator, cans, dms., works.lb. .80 - .85
Broomtop, bls. ..... lb. .25 - .26
Brown iron, synth, bgs., l.c.l., works lb. .12½ - —
Oxide, metallic, bgs. works lb. .03 - .03¼
Brown, sap, crystals, works..... lb. .12 - —
powdered lb. .13 - —
Sienna, burnt, paper bags., c.l., works lb. .03¾ - .14¾
l.c.l., works lb. .04 - .15
raw, paper bgs. c.l., works lb. .04 - .12½
l.c.l., works lb. .04½ - 12¾
Umber, burnt, American, c.l., bbls., works lb. .04¾ - 05¾
l.c.l., bgs., works lb. .05 - 06¾
Turkey type, bgs., c.l., Boston, Bethlehem, Easton, Pa., Hiwassee, Va., N.Y. lb. 05¾ - 07¾
l.c.l., works lb. .06 - .08

Brown, Umber, raw, American, bgs., same basis lb. .05¾ - .06
Turkey type bgs. same basis lb. .08 - .06¼
Vandyke, bbls., works ..... lb. .11 - —
Brucine, cns., 100 ozs ..... oz. .35 - —
Sulphate, NF, cns., 100 ozs .... oz. .30 - —
Bryonia root, bls ..... lb. .29 - .35
Buchu leaves, bls ..... lb. .60 - .65
Buckthorn bark, bls ..... lb. .14 - 18
cut and sifted, bls..... lb. .23 - .25
Berries, bgs .....lb. .80 - .90
Burdock, root, bls .....lb. .20 - .26
Butadiene, cyls, refinery..... lb. .19 - —
tanks, same basis ..... lb. .09½ - —
Butane, indust., tanks, group 3 .gal. .03 - —
Butternut bark, bls .....lb. .22 - .25
Butyl acetate, fermentation, normal, Ill., Ind., prod., dms., c.l., works, frt. alld ..... lb. .13½ - —
l.c.l., same basis .... lb. .14½ - —
tanks, same basis .... lb. .12 - —
tankwagons, same basis.lb. .12½ - —
other production, dms., c.l., same basis lb. .13½ - —
l.c.l., same basis .... lb. .14½ - —
tanks, same basis .... lb. .12 - —
synthetic, normal, dms., c.l., same basis..lb. .13½ - —
l.c.l., same basis .... lb. .14½ - —
tanks, same basis ..... lb. .12 - —
secondary, dms., c.l., same basis lb. .11 - —
l.c.l., same basis ..... lb. .11½ - —
tanks, same basis ..... lb. .09½ - —
Alcohol (see Alcohol butyl)
Aldehyde, dms., c.l., works.... lb. .17½ - —
l.c.l., works..... lb. .18½ - —
tanks, works..... lb. .16 - —

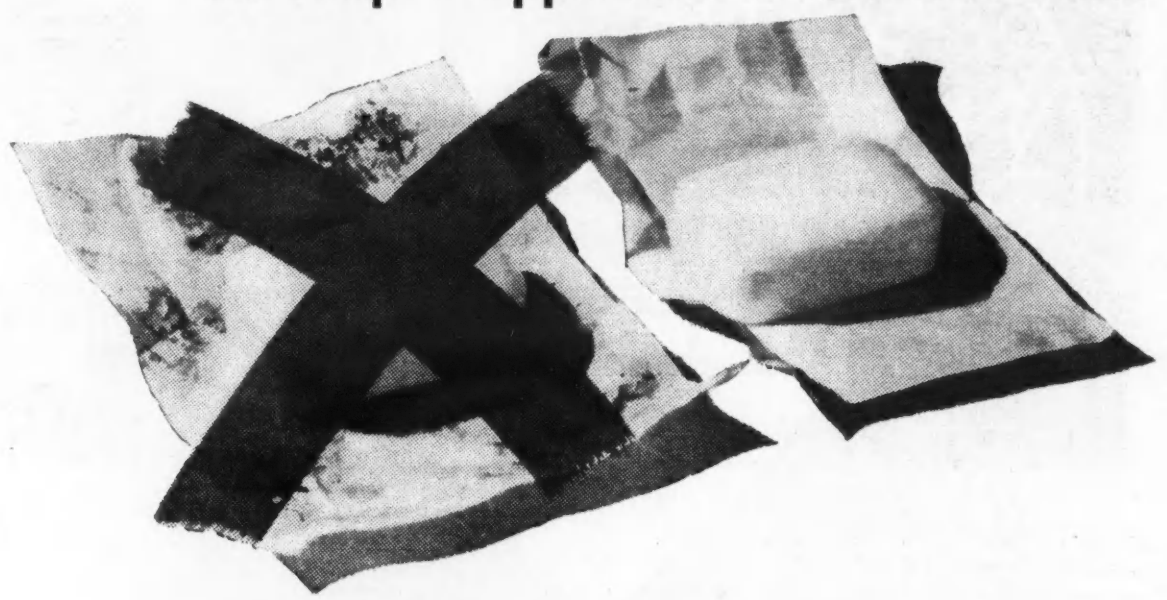
Butyl, ether (see Ether, butyl).
Lactate, dms., c.l. frt. allo. E. of Rockies lb. .42½ - —
l.c.l., same basis.....lb. .43¼ - —
tanks, same basis.....lb. .41 - —
Laurate, dms., works lb 42 - —
Methacrylate, normal, dms., less than truckload, works lb. .60 - —
Oleate, reid., dms. l.c.l. works lb. 52 - —
Phenylacetate, dms ..... lb. 2.00 2.25
Phthalate (see Dibutyl phthalate).
Stearate, dms. c.l. frt. alld. E. of Rockies lb. .27 - —
l.c.l., same basis ..... lb. .28½ - —
Butyric ether (see Ethyl butyrate)

C

Cacao butter (see Cocoa butter).
Cadmium bromide, reagent, jars lb. 2.64 - 2.63
Iodide, jars lb. 5.00 5.22
Cadmium lithopone (see Yellow).
Metal, ingots or sticks, cs., dlvd.lb 2.00 - —
patent shapes, cs., dlvd lb 2.15 - —
Selenide (see Red).
Stearate, 50-lb. ctns., l.c.l., f.o.b., N.Y., frt. equald.... lb. 1.25 - —
Sulphide (see Yellow).
Caffeine, natural, USP, cryst., dms., 100 lbs or more lb. 4.75 - —
anhydrous, dms., 100 lbs. or more lb 5.00 - —
Synthetic, USP, cryst., dms., 100 lbs. or more lb. 3.80 - —
anhydrous, dms. 100 lbs. or more lb 4.00 - —
Citrated, USP, dms., 100 lbs. or more lb 2.60 - —
Hydrobromide, bots ..... lb. 6.70 Nom.
Calabar beans, bgs., futures lb. 65 .66

STOP MOLD

on soap wrappers with SANTOBRITE



Why let moldy soap wrappers spoil the sales appeal of your product when it is so easy to control organisms that cause this mold? Monsanto Santobrite (sodium pentachlorophenate, technical), in small concentrations, prevents mold damage on casein-coated paper.

As little as 2.0% of Santobrite, based on the dry weight of casein in the size, gives complete protection against surface microbiological growth. Since these organisms also flourish on the adhesives used on soap wrappers, Santobrite should be incorporated in them. The addition of Santobrite during paper manufacturing is recommended.

If molds on your soap wrappers are slowing down sales, it will pay you to get full details on how to stop these organisms with Santobrite. Mail the coupon or contact the nearest Monsanto Sales Office for complete information. MONSANTO CHEMICAL COMPANY, Organic Chemicals Division, 1770-E South Second Street, St. Louis 4, Missouri.

Santobrite: Reg. U. S. Pat. Off.

DISTRICT SALES OFFICES: Birmingham, Boston, Charlotte, Chicago, Cincinnati, Cleveland, Detroit, Houston, Los Angeles, New York, Philadelphia, Portland, Ore., San Francisco, Seattle. In Canada, Monsanto (Canada) Ltd., Montreal.

MONSANTO
CHEMICALS for PLASTICS

MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
1770-E South Second Street, St. Louis 4, Missouri

Please send further information on the use of Santobrite to stop mold in soap wrappers.

Name..... *Title*.....
Company.....
Street.....
City..... *Zone*..... *State*.....

SERVING INDUSTRY...WHICH SERVES MANKIND

Calamine, USP—Cellulose Triacetate

Calamine, USP, dms	lb	.27	.29
Calamus root, dom., bgs	lb	27	.30
imported, bleached, bls	lb	70	Nom.
peeled, bls	lb	30	.31
Calciferol, cryst., vials, 250 grams or more, works	gram	1.90	—
25 to 249 grams, works	gram	2.10	—
1 to 24 grams, works	gram	2.30	—
in edible oil, dms., 10,000 or more standard units (1 standard unit equals 1,000,000 USP units), works unit		.04¾	—
1,000 to 10,000 s.u. units, works unit		.05¼	—
less than 1,000 s.u. units, works un't		.05¾	—
Calcium acetate, bgs., dlvd 100 lbs		3.00	4.00
Arsenate dealers dms., c.l., whse works, frt. alld. on 96 lbs. or over	lb	.09½	—
l.c.l., same basis	lb	.10½	.11½
Bromide, NF, jars	lb	75	85
Carbide, standard generator size, dms., c.l., dlvd	ton	121.00	—
Carbonate (see Chalk and Whiting).			
Chloride, cryst., purified, bbls., jars	lb	.28	.30
flake 77-80%, paper bgs., c.l., works, frt equald	ton	22.00	—
l.c.l., same basis	ton	37.00	67.00
liquor, works, basis 40%, tank cars	ton	9.00	—
pellets, bgs., c.l. works	ton	29.00	—
solid, 73-75%, dms., c.l., works, same basis	ton	20.00	—
l.c.l., works, same basis	ton	30.00	59.00
USP gran., bbls	lb	30	—
Chromate, bgs., frt. equald	lb	29½	.30
Calcium, cyanide, dms., dlvd. E. of Rockies	lb	.30	.50
Gluconate, AA, bbls., dms	lb	.65	.72
USP, bbls., dms	lb	.58	.65
Glycerophosphate, NF, fib., dms.	lb	1.80	1.95
Hydride, dms., works	lb	.90	—
Hypochlorite, 100-lb. dms., dlvd. E. of Rockies	dm	24.00	26.50
cns., cased (45 lbs.) same basis.	cs	19.75	21.50
Hypophosphite, ton lots and less, dms	lb	.80	.83
Iodide, jars	lb	4.10	4.12
Lactate, USP, dms., 10,000 lbs. or more, works	lb	.37	—
smaller quantities, works	lb	.38	.44
Mandelate, USP, dms., works	lb	2.10	2.25
Naphthenate, liq. 4% Ca, dms., frt. alld	lb	23¾	—
Nitrate, tech., works	lb	07	09
Pantothenate, dextro, jars, 100 grams or more, frt. adjusted	gram	.07½	—
Phenolsulphonate, dms	lb	64	65
Phosphate, dibasic, USP bgs., c.l., 100 lbs.		6.75	—
l.c.l. 100 lbs.		7.10	7.45
feed grade, bgs., 15 tons, wks.	ton	105.00	—
one ton or over, works	ton	115.00	—
less than one ton, works	ton	125.00	—
monobasic, bgs., 10,000 lbs., works, frt. equald	lb	.05¾	—
smaller lots, same basis	lb	06¼	—
tribasic, bgs., c.l., works 100 lbs.		6.50	—
l.c.l., works 100 lbs.		6.95	7.30
Phytate, bgs., works	lb	.28	—
Resinate, precip., dms., frt. alld., works	lb	.24	—
Calcium silicate, hydrated, bgs., c.l., works	lb	.05¼	—
l.c.l., works	lb	.06	—
Stearate, precip., ctns., c.l., works	lb	.32	—
l.c.l., works	lb	.33	.34
Sulphate (see Gypsum).			
Sulphide, 76%, bgs., c.l., works	ton	45.00	—
70%, bgs., c.l., works	ton	50.00	—
luminous, tins, works	lb	1.25	—
Calcium-strontium sulphide, phosphorescent, dms., works	lb	1.06	1.50
fine particle size, dms., works	lb	1.50	1.75
Calendula flowers, bls	lb	.45	.60
Calomel, USP, fine powd., dms.	lb	1.97	1.98
reg. powd., dms	lb	1.82	—
Camphene, chlorinated, 67-69% (see Toxaphene).			
Camphor, monobromated, NF, dms.,	kgs	2.75	2.85
natural, powd., 100-lb. lots	lb	.45	.55
tablets, 1-oz., ½-oz., cs	lb	.85	.93
synthetic, tech., bbls., 2,000 lbs. or more, whse	lb	.42	—
10 bbls (1,500 lbs.)	lb	.44¼	—
smaller lots	lb	.45	.55
USP gran., powd., bbls., 2,000-lb. lots	lb	.45	—
1,000-lb. lots	lb	.46	—
smaller lots	lb	.47	—
USP, tablets, tins, 2,000-lb. lots	lb	.73	—
1,000-lb. lots	lb	.74	—
smaller lots	lb	.75	—
Canada balsam (see Fir balsam).			
Canella alba bark, bls	lb	.25	.30
Cantharides, Chinese, cs	lb	1.10	1.30
powd., bxs.	lb	1.25	1.50
Russian, bgs	lb	4.50	5.00
powd., bxs.	lb	5.75	6.00
Capsicum (see Pepper, red).			
Oleoresin, NF, cns	lb	4.00	6.70
Caramel coloring, NF, bbls	gal	1.05	1.20
Caraway seed, Dutch, bgs	lb	.13¾	.14
Carbazole, 97%, steel dms., ton lots, works	lb	1.55	—
bbls., same basis	lb	1.65	1.85
Carbinol, butyl, secondary, dms., l.c.l., works	lb	.70	—
Methylisobutyl, dms., c.l., frt. alld. E	lb	.13	—
l.c.l., same basis	lb	.13½	—
tanks, same basis	lb	.11½	—
Carbon bisulphide, 50-gal. dms., c.l., works, frt. alld. to competitive points	lb	.06¼	—
l.c.l., same basis	lb	.07¼	—
5-gal. dms., c.l., same basis	lb	.09½	—
l.c.l., same basis	lb	.08¾	—
tankcars, same basis	lb	.0440	—
Dioxide, cyls	lb	06	08
Tetrachloride, CP, dms., works	lb	.10¾	—
tech., dms., E. of Rockies, c.l., frt alld	lb	08	—
l.c.l., same basis	lb	.08¾	—
tankcars, same basis	lb	.07¼	—
dms., W. of Rockies, c.l., f.o.b. stock points	lb	.08¾	—
l.c.l., frt. alld.	lb	.09¼	—
tankcars, same basis	lb	.08	—
NF, chys	lb	17	19
Carboxymethylcellulose-Sodium—See CMC			
Carbromal, NF, dms., 100-lb. lots, works	lb	4.00	4.25
smaller lots, works	lb	4.10	4.75
Cardamom fruit, bleached, bold, cs.	lb	3.30	3.45
medium, cs.	lb	2.95	3.40
Coorges, cs.	lb	2.20	2.25
decorticated, Alleppey, cs	lb	3.45	3.50
Ceylon, cs.	lb	3.30	3.35
Guatemala, cs	lb	3.40	3.45
green, Alleppey, bgs., afloat	lb	2.12	2.15
Ceylon, bgs	lb	2.10	2.15
seed (See Cardamom fruit, decorticated)			
Carmine No 40 NF nuik, 100 lbs. or more, dlvd	lb	5.50	—
smaller lots, dlvd	lb	5.65	6.15
Carotene, crystals, research grade, ampuls, pure alpha or beta. 10 mg		5.00	—
90% beta-10% alpha, ampuls 100 mg.		2.00	—
gram quantities	gm.	5.00	—
technical 1,350,000 A units per gram	gm.	67½	—
tins, works	gm.	.56	—
dry powder 3,330 A units per gram	lb.	.81	—
emulsion (in milk), 600,000 A units per 16-oz. cn	cn.	1.00	—
in vegetable oil, 166,666 A units, per gram	lb	25.24	—
50,000 A units per gram	lb.	7.86	—
26,000 A units per gram tins, works milli. units.		.22	—
dms., works milli. units.		.20	—
3,330 A units per gram	lb.	85	—
microcrystalline, in oil, 400,000 A units per gram, tins, works milli. units.		.44	—
Carvol, bots.	lb.	8.75	9.00
Cascara sagrada bark, bulk	lb.	.27	.30
Case-hardening mixture, 30% gran., dms., l.c.l., works	lb	10½	—
Casein, dom., acid-precip., standard, bgs., 10,000 lbs. or more, ship't point	lb.	.23	.24
premium, bgs., 10,000 lbs. or more, ship't point	lb.	.27	.27½
rennet-precip., bgs., 10,000 lbs. or more, ex dock	lb.	.20¾	.22½
imp. acid-precip., ground, 100 bgs. or more, ex dock	lb.	.20¾	.21
Cashew nut liq., treated, dms., c.l., f.o.b. Newark, N. J.	lb.	.21	—
ton lots, same basis	lb.	.22¼	—
dm lo's, same basis	lb.	.24¼	—
Cassia bark, Batavia, longstick, bls.,	lb.	.23	.25
broken, bls.	lb.	.15	.16
short stick, bls	lb	.23	.24
China, Canton, Kwangsi, rolls, select, cs	lb.	.12	.12½
broken, bls	lb.	.11	.11½
Honan, rolls, scraped, bls	lb.	.14½	.15
broken, bls.	lb.	.14	.14¼
unscraped, bls	lb.	.14	.14½
broken, bls	lb.	.13½	.14
Yunnan, rolls, scraped, bls	lb.	.14½	.15
broken, bls.	lb.	.14	.14½
unscraped, bls	lb.	.14	.14½
broken, bls	lb.	.13½	.14
Saigon, broken, bls	lb.	.26	.27
medium, bls	lb.	.35	.36
thin, bls	lb.	.41	.42
Buds, China, bgs	lb.	.55	.35¼
Cassia fistula, bskts	lb.	.30	.35
Castor beans, bgs., Brazilian ports	long ton	124.00	—
Oil (see Oil, castor).			
Pomace, bgs., c.l., works	ton	30.50	—
Castoreum, natural, cns	lb.	7.00	30.00
artificial, cns.	lb.	9.00	9.25
Catechol, CP, cryst, fib. dms., works	lb.	2.00	—
resublimed, dms., works	lb.	4.00	—
Catnip, bls	lb.	.70	.75
Celery seed, French, bgs	lb.	.28	.29
Indian, bgs	lb.	.23	.23½
afloat, bgs.	lb.	.24	.24½
Celluloid scrap (see Pyroxylin scrap).			
Cellulose acetate, flake, ctns., works, frt alld on 100 lbs. or more	lb.	.33	.36
molding, composition, plain colors, translucent, metallic pearls, special black, dms., c.l., frt. alld	lb.	.40	—
l.c.l., same basis	lb.	.45	.51
regular, black, dms., l.c.l., same basis	lb.	.31	.39
variegations, dms., l.c.l., same basis	lb.	.50	.59
molding and extrusion transparents, dms., c.l., same basis	lb.	.47	—
l.c.l., same basis	lb.	.49	.54
extrusion compounds, translucent metallic pearls, special black, dms., c.l., same basis	lb.	.42	—
l.c.l., same basis	lb.	.44	.49
Acetate-butyrate, flake, 17% butyryl content, ctns., 500 lbs. or over, works	lb.	.52	—
less than 500 lbs. works	lb	.53	—
17.5% butyryl content, ctns., 500 lbs. or over, works	lb.	.48	—
less than 500 lbs. works,	lb.	.49	—
26.5% butyryl content, ctns., 500 lbs. and over, works	lb.	.50	—
less than 500 lbs., works	lb.	.51	—
37% butyryl content, ctns., 500 lbs. and over, works	lb.	.50	.53
less than 500 lbs., works	lb.	.51	.54
46% butyryl content, ctns., 500 lbs. and over, works	lb.	.53	—
less than 500 lbs., works	lb.	.54	—
molding composition, plain colors, pearls, transparents, special black, dms., l.c.l., frt. alld.	lb.	.56	.61
regular black, dms., l.c.l., same basis	lb.	.44	.48
variegations, dms., c.l., same basis	lb.	.61	.66
Triacetate, flake, ctns., works, frt. alld. on 100 lbs. or more	lb.	.40	—

THE NAME TO WATCH IN CHEMICALS

ORONITE CHEMICAL COMPANY

Reg. U. S. Pat. Off.

producers of basic chemicals for manufacturers and processors

A major source of supply for—

DETERGENT D-40
DETERGENT SLURRY
DETERGENT ALKANE
POLYBUTENES
CRESYLIC ACIDS

NAPHTHENIC ACIDS
SODIUM SULFONATES
PURIFIED SULFONATE
PHTHALIC ANHYDRIDE
HYDROFORMER CATALYST
GAS ODORANTS

WETTING AGENTS
ORTHO, PARA XYLENE
XYLOL
LUBE OIL ADDITIVES
ALIPHATIC ACID

Inquiries on description, properties and uses of products are invited... write

ORONITE CHEMICAL COMPANY

38 SANSOME STREET, SAN FRANCISCO 4, CALIF. • 30 ROCKEFELLER PLAZA, NEW YORK 20, N. Y.
STANDARD OIL BLDG., LOS ANGELES 15, CALIF. • 600 S. MICHIGAN AVENUE, CHICAGO 5, ILL.
824 WHITNEY BUILDING, NEW ORLEANS 12, LA.

Cerium hydrate, dms., works	lb.	1.25	-	—
Oxalate, NF, bbls., bgs., works	lb	.70	-	.72
Oxide optical grade, bgs., under 100 lbs., works	lb	2.25	-	—
kgs., 100-lb lots, works	lb	1.85	-	—
Chalk, precip., cosmetic, dentifrice, drugs, bgs., c.l., works	lb	.02¾	-	.05½
l.c.l., ex whse	lb	.04	-	—
paint, bgs., c.l., works	ton	40.00	-	—
papermakers, ogs. c.l., works	ton	32.50	-	40.00
rubber makers, bgs. c.l., works	ton	30.00	-	—
Chamomile flowers, Hungarian, cs	lb.	.48	-	.55
Roman, bls.	lb.	.90	-	1.00
Charcoal, activated, USP, fib. dms., c.l., works	lb	.25		.32
5-ton lots, works	lb.	.26½	-	.32½
smaller lots, works	lb	.27	-	.50
Bone, NF, bbls	lb.	.23	-	—
Hardwood, briquets, bulk, c.l., works	ton	49.80	-	—
bgs., c.l., works	ton	51.80	-	—
granular, bgs., incl. c.l. works	ton	46.80		59.00
Charcoal, hardwood, lump, bulk, c.l., works	ton	38.80		43.50
bgs., extra, returnable, c.l., works	ton	41.80		45.50
Pinewood, gran., powd., ogs., c.l. works, South	ton	30.00		40.00
l.c.l., works	ton	40.00		50.00
lump bgs., c.l., works, South	ton	40.00		—
bgs., l.c.l., works, South	ton	40.00		50.00
bulk, c.l., works, South	ton	30.00		—
Willow, powd. bbls	lb	.06		.07
Chestnut extract, 25% tannin, bbls., c.l., works	lb.	.0438	-	—
l.c.l., works	lb.	.0465	-	—
tanks, works	lb.	.0370	-	—
powd., 60% tannin, bgs., extra, c.l., works	lb.	.0960	-	—
l.c.l., works	lb.	.1115	-	—
China clay, dom., dry-grd., air-float, 99.75% 300 mesh, bgs., c.l. works	ton	12.50		13.00
l.c.l., works	ton	13.50		14.00
bulk, c.l., works	ton	9.50		10.00
200 mesh bgs., c.l., works	ton	10.00		12.00
l.c.l. works	ton	11.00		16.00
wet-grd., silk-bolt, 99½%, 325 mesh bulk, c.l., works	ton	13.00	-	—
paper bgs. c.l. works	ton	16.00	-	—
imported, white lump, bulk, c.l., ex dock, Phila., Portland, Me	gross ton	19.00		40.00
powd., bgs. c.l., ex dock,	net ton	35.00		45.00
l.c.l., ex whse	net ton	45.00		60.00
Chloral, tech., 94% min., dms., l.c.l., works	lb.	.42		—
Hydrate, USP, jars	lb.	1.05	-	1.10
Chloramine T, NF bbls., works	lb	.75		1.00
Chlordane agricultural, dms., l.c.l. stock points	lb.	.82		1.05
refined, dms., stock points	lb.	.97		1.20
Chlorinated paraffin, dms., works	lb	12¼		.13½
Rubber, standard, ctns., c.l. works	lb	.42		—
l.c.l. works	lb	.43		—
Chlorine, liquid, cyls., c.l., works	lb.	.08	-	.12
l.c.l., stock points	lb.	.09	-	.16
tanks, single units, works, frt. equald 100 lbs		2.40		—
multiple units, 3 cars, works, frt. equald 100-lbs.		2.90	-	—
2 cars, same basis 100 lbs.		3.50	-	—
1 car, same basis 100 lbs.		4.10	-	—
Chloroform, tech. dms. c.l., dlvd E	lb	.20		—
l.c.l., same basis	lb	.22		—
tanks, same basis	lb	.16		—
USP, dms	lb	.30		.33
Chloro(4)-2-Toluidine, bbls.	lb.	1.38		—
Chlorophyll, oil soluble, water soluble cosmetic and pharmaceutical, bots	lb.	3.75	-	4.50
Chloropicrin, com'l bots	lb	1.40		—
cyls., 180-lbs., frt. alld	lb	.91		—
100-lbs., same basis	lb	.93		—
25-lbs., same basis	lb	1.18		—
Cholesterol USP, fib dms., 100-lb lots	lb	8.50	-	—
5-lb pkg.	lb	9.00	-	—
1-lb pkg.	lb	9.50	-	—
Choline bitartrate, fib. dms., frt. adjusted	lb.	2.45	-	2.70
Chloride, fib, dms., same basis	lb.	2.45	-	2.70
Dihydrogen citrate fib. dms., same basis	lb.	2.45	-	2.70
Chromium acetate, powd., 72% Cr., bbls. works	lb	No stocks		
solut., 7½%, bbls., works	lb.	.08		—
cbys.	lb.	.09¾		—
8½%, bbls., works	lb.	.08½		—
cbys.	lb.	.10¼		—
Fluoride, bbls., works	lb.	.44½		—
Green (see Green, chrome)				
Oxide (see Green, chromium oxide)				
Oleate, solid, bbls	lb	.49		—
Trioxide, USP, bots	lb.	.82		—
Yellow (see Yellow, chrome)				
Chrysarobin, USP bots	lb	7.65		9.24
Cinchona bark NF, red, quill, 20-inch, cs	lb.	1.26		Nom.
broken, bgs	lb.	.40		.45
yellow, broken, bgs	lb.	.32	-	.35
Cinchonidine, cryst., cns., 100 ozs.	oz.	.71	-	.72
Sulphate, cns., 100 ozs	oz.	.40½	-	.55
Cinchonine, cryst., cns., 100 ozs.	oz.	.57	-	.65
Sulphate, NF, cns., 100 ozs	oz.	.30½		.42
Cinchophen, NF, heavy density, dms., frt. adjusted	lb.	3.70		4.05
Standard density, dms., same basis	lb.	3.50	-	3.85
Cinchophen-sodium, dms., frt. adjusted	lb.	4.50	-	4.85
Cinnamic alcohol (see Alcohol, cinnamic)				
Aldehyde, cbys., cns., dms	lb.	.90	-	1.20
Cinnamon, Ceylon, No. 2, bls	lb.	.18	-	.18½
Citral, bots., cns	lb.	5.25	-	5.50
Citronellal, bots. dms	lb	2.50	-	4.75
Citronellol, bots., dms	lb	2.95		4.75
Civet, bots	oz.	4.00		5.00
artificial, bots	lb.	15.00		—
Clove, Madagascar, bls	lb.	.24½		.25
futures, bls.	lb.	No offers		
Zanzibar, bls.	lb.	.25		.26
afloat	lb.	.24½	-	.25
Clover tops, red, dom., bgs	lb.	.55		Nom.
imported, bgs	lb	No stocks		
CMC, purified, high vis., ctns., 20,000 lbs or over, works, frt. alld	lb.	.57	-	—
smaller lots, same basis	lb.	.59	-	.69
low and medium vis., ctns., 20,000 lbs or over, works, frt. alld	lb.	.54	-	—
smaller lots, same basis	lb.	.56	-	.66
tech., low and medium vis., dms., c.l., works, frt. alld	lb.	.41	-	—
l.c.l., works	lb.	.43	-	—
Coaltar, coal-gas, water-gas, crude, resale, dms., c.l., ex-whse.	gal.	.23½		—
l.c.l., ex-whse	gal.	.25	-	—
tanks, ex-whse	gal.	.13½	-	—
refd., resale, bbls., c.l., ex-whse.	gal.	.24½	-	—
l.c.l., ex-whse	gal.	.26	-	—
tanks, ex-whse	gal.	.14½	-	—
Cobalt acetate, bbls., dlvd	lb.	.93½		—
Carbonate, powd., bgs., works	lb.	1.65	-	—
feed grade, 49½% Co, kgs	lb.	1.65	-	—
Chloride, kgs., works	lb.	.91¼	-	—
feed grade, 24.5% Co, kgs	lb.	.91¼	-	—
Cobalt hydrate, bbls	lb.	2.13	-	—
feed grade, 62% Co, kgs	lb	2.13	-	—
Linoleate, paste, 6% Co, dms.	lb.	.57	-	—
solid, 8¼%, Co, dms	lb.	.66½	-	—
8% Co, dms	lb.	.62½	-	—
Metal, 97-99%, kgs., ex-whse.	lb.	1.80		—
under 100 lbs., ex-whse	lb.	1.82		1.87
Naphthenate, liq., 6% Co, dms.	lb.	.37¼		—
Nitrate, feed grade, 20.4% Co, bbls.	lb.	.78¾	-	—
Oxide, black, kgs	lb.	1.38	-	—
Phosphate, feed grade, 34%, Co, kgs	lb.	1.31¼	-	—
Resinate, fused, 3% Co, dms	lb.	.22¾	-	—
Sulphate, bgs.	lb.	.68¼	-	—
feed grade, 21% Co, kgs	lb	1.05		—
Cobalt salts, prices are on		dlvd. basis		
Cobalt-ammonium sulphate 14% Co, kgs	lb	.75		—
Cocaine, USP, cns., 100-oz	oz.	15.00		—
Hydrochloride, cns., 100-oz. lots	oz.	11.75		—
Cochineal, gray, bgs	lb	.67		.68
silver, Teneriffe, bgs	lb.	.69		.70
Cocillana bark, bgs	lb	.16		.17
Cocoa butter, bgs	lb.	.49	-	.51
Codeine, NF cns., 100 ozs	oz.	13.25		—
Hydrochloride, cns., 100 ozs	oz.	11.85		—
Phosphate, USP cns., 100 ozs	oz.	10.25		—
Sulphate, USP cns. 100 ozs	oz.	10.75		—
Codliver oil (see Oil, codliver)				
Cohosh, black, root, bls	lb.	.20	-	.25
Blue root, bls	lb	.17		.19
Colchicine, USP, bots., cns	oz.	79.00		85.00
Colchicum root, bls	lb	.60		.70
Seed, bgs.	lb.	1.90	-	2.00
Collodion, USP, dms	lb.	.21		—
Flexible, USP, dms	lb.	.22½	-	—
Colocynth, pulp bls	lb.	.30	-	.35
Colombo root, bls	lb	.18		.23
Coltsfoot leaves, bgs	lb	.30		.35
Condurango bark, bgs	lb.	.20	-	.22
Copaiba balsam, cns., dms	lb.	.64	-	.32
Copper acetate, cupric, bbls., works	lb.	.28		—
smaller containers, works	lb	.29		.30
Carbonate, 55%, bgs., works	lb.	19.20		20.20
Chloride, anhyd., bbls., works	lb.	.28¾	-	—
crystals, bbls., works	lb.	.18¼	-	.21½
Citrate, USP, 5-lb. bots	lb.	2.40		—
Cyanide, tech., bbls	lb.	.46½		—
Gluconate, dms., cns	lb.	3.00	-	3.34
Hydrate, dms., frt. alld. E. Miss	lb.	.25½		.26
Metal, electrolytic, dlvd	lb.	.19½		—
Naphthenate, liquid, 8% Cu, dms., frt. alld	lb	.22¼		—
Nitrate, tech., cryst., bbls. works,	lb.	.23½		—
Oleate, liquid, 8.5% Cu, bbls	lb.	.27		—
solid, 10% Cu, bbls	lb.	.39		—
Oxide, black, bbls., works	lb.	.25½		.28½
red, com'l, bbls., works	lb.	.26¾		.30½
Oxychloride-sulphate, bgs., frt. alld	lb	24¼		27¼
Quinolate, fib. dms.	lb.	3.50	-	—
Resinate, precip., dms., frt. alld.	lb.	.23½		—
Stearate, bgs., works	lb	.39½		—
Sulphate, cryst., 99%, bgs., c.l., works 100 lbs.		7.35	-	—
l.c.l., 100 lbs.		7.60	-	8.35
CP, cryst., gran., dms., works	lb.	.13	-	—
monohydrated, 35%, dms., c.l., works 100 lbs.		12.25	-	—
Tribasic, dealers, bgs., c.l., works, frt. alld	lb.	21.00		22.50
l.c.l., works	lb.	22.50		23.50
USP, gran., cryst., dms	lb.	.13	-	.26
Copperas, cryst., gran., bgs., c.l., works	ton.	17.00		—
l.c.l., works 100 lbs.		1.55		2.00
bbls., c.l., works	ton.	20.00	-	—
bulk, c.l., works	ton.	14.00	-	—

Cerium Hydrate—Creosote, Coaltar

Copra, c.i.f., Atlantic, Gulf ports	ton.	200.00	-	—
Pacific ports	ton.	195.00	-	—
Coriander seed, Argentine, bgs	lb.	.07	-	.07¼
Italian, bgs	lb.	.07		Nom.
Moroccan, bgs.	lb.	.11	-	.11¼
Corn sugar, tanners, crimped, paper bgs., c.l., 60,000 lbs. min.	100 lbs.	5.69	-	—
bbls., c.l., same basis	100 lbs.	5.75	-	—
Syrup, 42°, bbls., c.l.	100 lbs.	6.07	-	—
l.c.l.	100 lbs.	6.22	-	—
Cornsilk, bls	lb.	15		.19
Corrosive sublimate, NF, cryst., dms., 50 lbs. or more	lb.	1.68		—
gran., powd., dms., 50 lbs. or more	lb	1.53	-	—
Cottonroot bark, bls	lb.	.26	-	.28
Cottonseed hulf ash, 32-36% potash, bgs., dlvd., unit-ton		1.75		—
Meal, 41% protein, bulk, Memphis	ton.	64.00		65.00
Coumarin, cns., 25 lb	lb	2.75		—
smaller lots	lb.	2.80		2.90
powd., cans	lb.	3.00		3.05
Cramp bark, NF, bls	lb.	.80		Nom.
Craneshill root, bls	lb.	.28		.30
Cream of tartar, dom., NF, gran. or powd., bbls., 5,000 lbs. one ship	lb.	.27½	-	—
smaller lots	lb.	.28	-	.29
Imported, kgs.	lb.	.22	-	.24
Creosote, coaltar, crude, tanks, works, frt. equald	gal.	.14	-	.18
refined, dms., c.l., works	gal.	.36½	-	.40
l.c.l., same basis	gal.	.37½	-	.47
tanks, same basis	gal.	.23½	-	—
solution, 80%, tanks, works	gal.	.168	-	—

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Creosote—Dimethylanilin

Creosote, NF, beechwood, bots., cbys	lb.	1.15	1.20
hardwood, bots, cbys	lb.	.85	—
Pinewood, dms	gal.	.31	.35
Carbonate, NF, bots., cbys	lb.	2.35	2.40
Cresols, tech., dry, above 207°C, non-ret. dms., c.l. frt. equald,	lb.	.1130	—
l.c.l., same basis	lb.	.1160	—
ret. dms., c.l., same basis,	lb.	.11	—
l.c.l., same basis	lb.	.113	—
tanks, same basis	lb.	.10	—
USP, non-ret., dms., c.l., same basis	lb.	.1180	—
l.c.l., same basis	lb.	.1210	—
ret. dms., c.l., same basis	lb.	.115	—
l.c.l., same basis	lb.	.118	—
tanks, same basis	lb.	.1050	—
Crotonaldehyde, 91-93%, dms., c.l works	lb.	.16½	—
l.c.l., works	lb.	.17	.20
Cryolite, nat., dealers, bgs., c.l., works, 100 lbs.		13.75	—
bbls., l.c.l., works, 100 lbs.		14.00	—
Cube root, powd., 5% rotenone, bgs., ton lots, works	lb.	.26	.30
Cubeb berries, XX NF bgs.	lb.	.35	.45
powd., cs.	lb.	.44	.54
Culvers root, bbls	lb.	.50	.60
Cumene, dms., c.l.	lb.	.06	—
l.c.l.	lb.	.09	—
tanks	gal.	.53	.56
Cumin seed, Iranian, bgs	lb.	.15¾	.16
Morocco, bgs	lb.	.16¼	.16½
Syrian, bgs.	lb.	.17	.17½
Cutch, extract, 85% tannin, bgs., ex dock	lb.	67	—
Cyanamide, fertilizer mixing grades, 20.6% N, gran., bulk, Niagara Falls, Ont., contracts, bulk	ton.	46.50	—
pulv., 21% N., bgs., same basis, unit-ton	ton.	2.55	—
Cyclohexane, tech., dms., c.l., works	lb.	.10½	.11¼
l.c.l., works	lb.	.11	.12
tanks, works	lb.	.09¼	.10
Cyclohexanol, tech., dms., c.l., works	lb.	.21½	—
l.c.l., works	lb.	.22	—
tanks, works	lb.	.20	—
Cyclohexanone, tech., dms., c.l., works	lb.	.26½	.30
l.c.l., works	lb.	.27	.31
tanks, works	lb.	.25	.29
Cyclohexylamine, dms., works	lb.	.34	—
Cyclohexylamine, dms., c.l., works,	lb.	.34	—
l.c.l., works	lb.	.35	—
tanks, works	lb.	.33	—
Cyclopropane, USP, 2 lb. cyls, works,	cyl.	40.00	—
6 oz. cyls., works	cyl.	10.50	—
Hospitals, cyls., 40 gal. lots	gal.	.32	—
100-gal. lots	gal.	.31	—
200-gal. lots	gal.	.30	—

D

2, 4-D, bbls., c.l., works, frt. equald,	lb.	.43	.48
l.c.l., same basis	lb.	.48	.60
Isopropyl ester, dms., c.l., works	lb.	.54	—
l.c.l., works	lb.	.59	.66
Damiana leaves, bls	lb.	.40	.45
Dandelion root, bls	lb.	.40	.45
DDD, tech., fine grd., sb. dms., c.l., works	lb.	.51	—
l.c.l., works	lb.	.51½	—
lump, fib. dms., c.l., works	lb.	.49	—
l.c.l., works	lb.	.49½	—
DDT, fiber dms., c.l., works, frt. equald	lb.	.32	—
smaller lots, same basis	lb.	.33	.35
Decanol, normal, tech., dms., c.l., dlvd	lb.	.34½	—
l.c.l., dlvd.	lb.	.36½	—
tanks, dlvd.	lb.	.32	—
Deertongue leaves, bls	lb.	.30	.35
Defluorinated phosphate, 65% b.p.l., paper bgs., works	ton.	44.15	65.75
Rock, 14½%P, paper bgs., works	ton.	45.00	—
Degras, common, bbls	lb.	.10½	.12
Neutral, less 2% ffa., bbls	lb.	.22	.23
over 2% ffa., bbls	lb.	.21	.22
Derris root, 5% rotenone, powd	lb.	.42	—
Desoxyephedrine hydrochloride, dextro, dms	lb.	30.00	—
dextro-laevo, dms	lb.	7.50	—
Dextrin, corn, British gum, paper bgs., c.l.	100 lbs.	7.30	—
Chicago	100 lbs.	6.65	—
l.c.l.	100 lbs.	7.45	—
canary, paper bgs., c.l.	100 lbs.	7.04	—
Chicago	100 lbs.	6.39	—
l.c.l.	100 lbs.	7.19	—
dark, paper bgs., c.l.	100 lbs.	7.14	—
Chicago	100 lbs.	6.49	—
l.c.l.	100 lbs.	7.29	—
white, paper bgs., c.l.	100 lbs.	6.89	—
Chicago	100 lbs.	6.24	—
l.c.l.	100 lbs.	7.04	—
Corn dextrin in cotton bgs. 12c. to 15c. per 100 lbs. higher.			
Potato, bgs	lb.	.08½	.10
Tapioca, pure, envelope, bgs	lb.	.13	.16
Dextrose, USP, dms	lb.	.17¾	—
Diacetone (see Alcohol, diacetone).			
Diacetyl, flavor grade, bots	lb.	6.00	6.50
laboratory grade, bots., 100 grams		4.50	—
tech., bots., works	lb.	3.00	—
Diamyl ether (see Ether, amyl).			
Phthalate, dms., c.l., dlvd. E	lb.	.34	—
l.c.l., dlvd. E	lb.	.35	—
tanks, dlvd. E	lb.	.32½	—
Dianisidin, dms	lb.	1.65	—
Diatomaceous earth, dom., bgs., c.l., Atlantic coast	ton.	50.00	52.00
California	ton.	38.00	40.00
l.c.l., ex whse	ton.	80.00	—
purified, bgs., c.l., Atl. coast	ton.	62.00	—
California	ton.	50.00	—
l.c.l., ex whse	ton.	90.00	—
Imported, Algerian, bgs., c.l., Atlantic coast	ton.	No prices,	
Mexican, white, bgs., c.l., Atlantic coast	lb.	.03	—
l.c.l., Atlantic coast	lb.	.06	—
Dibenzyl sebacate, dms., c.l., works,	lb.	.66½	—
l.c.l., works	lb.	.67	—
tanks, works	lb.	65	—
Dibutoxyethyl sebacate, dms., c.l., works	lb.	.53½	—
l.c.l. works	lb.	.56	—
tanks, works	lb.	.54	—
Dibutyl phthalate, dms., c.l., dlvd.	lb.	.29	—
l.c.l., dlvd.	lb.	.30	—
tanks, dlvd.	lb.	.27½	—
Sebacate, dms., c.l., works	lb.	.51	—
l.c.l., works	lb.	.51½	—
tanks, works	lb.	.49½	—
Tartrate, dms., works, frt. alld	lb.	.62	—
Dibutylamine, dms., c.l., frt. alld	lb.	.51½	.52½
l.c.l., frt. alld	lb.	.52½	.53½
tanks, frt. alld	lb.	.49	.50
Dicapryl phthalate, dms., c.l., dlvd.	lb.	.37	—
l.c.l., dlvd.	lb.	.38	—
tanks, dlvd.	lb.	.35½	—
Sebacate, dms., c.l., works	lb.	.54	—
l.c.l., works	lb.	.55	—
tanks, works	lb.	.53	—
Dichloroaniln, dms., works	lb.	.75	.80
Dichlorodiphenyldichloroethane (see DDD).			
Dichlorodiphenyltrichloroethane (see DDT).			
Dichloroethyl ether (see Ether, dichloroethyl).			
Dichloropentanes, dms., c.l., works,	lb.	.047	—
l.c.l., works	lb.	.055	—
tanks, works	lb.	.04	—
Dichlorophenol, dms., c.l., frt. equald	lb.	.27	—
l.c.l., frt. equald	lb.	.28	—
Dicyclohexylamine, dms., c.l., works	lb.	.37¼	—
l.c.l., works	lb.	.38	—
tanks, works	lb.	.36	—
Dicyclohexylphthalate, sb. dms., c.l., works	lb.	.40½	—
l.c.l., same basis	lb.	.41½	—
Diethanolamine, dms., c.l., works	lb.	.26½	—
l.c.l., same basis	lb.	.27½	—
tanks, same basis	lb.	.25	—
Diethyl carbonate, dms., c.l., frt. alld	lb.	.36½	—
l.c.l., same basis	lb.	.37½	—
tanks, same basis	lb.	.35	—
Maleate, dms., c.l., dlvd	lb.	.45	—
l.c.l., dlvd	lb.	.49	.52¼
tanks, dlvd	lb.	.43½	—
Oxalate, dms., c.l., frt. alld	lb.	.34½	—
l.c.l., same basis	lb.	.35½	—
tanks, same basis	lb.	.33	—
Phthalate, dms., c.l., dlvd	lb.	.23½	—
l.c.l., dlvd.	lb.	.24½	—
tanks, dlvd.	lb.	.22	—
Sulphate, dms., c.l., works	lb.	.16	—
l.c.l., works	lb.	.16½	—
tanks, works	lb.	.14½	—
Diethylamine, dms., c.l., frt. alld	lb.	.37	—
l.c.l., works	lb.	.37½	—
tanks, works	lb.	.35½	—
Diethylanilin, dms.	lb.	.43	—
Diethyleneglycol, dms., c.l., frt. alld. E	lb.	.17¼	—
l.c.l., same basis	lb.	.18½	—
tanks, same basis	lb.	.16	—
Boriborate, dms., l.c.l.	lb.	.28	—
Diethylether, dms., l.c.l., works	lb.	.44	—
Monobutylether, dms., c.l., works,	lb.	.24½	—
l.c.l., works	lb.	.25	—
tanks, works	lb.	.23	—
Monobutylether acetate, dms., c.l., works	lb.	.26	—
l.c.l., works	lb.	.26½	—
Monoethylether, dms., c.l., works,	lb.	.18	—
l.c.l., works	lb.	.18½	—
tanks, works	lb.	.16½	—
Monoethylether, acetate, dms., c.l., works	lb.	.24	—
l.c.l., works	lb.	.24½	—
Monomethylether, dms., c.l., works	lb.	.22	—
l.c.l., works	lb.	.32½	—
tanks, works	lb.	.20½	—
Diethylenetriamine, dms., c.l., works,	lb.	.42	—
l.c.l., works	lb.	.42½	—
tanks, works	lb.	.40	—
Diethylethanolamine, dms., c.l., works	lb.	.61½	—
l.c.l., same basis	lb.	.62½	—
tanks, same basis	lb.	.60	—
Diethylstilbestrol, USP, bots	kilo.	240.00	320.00
Digitalin, cryst., bots	gram.	12.50	18.00
powd., bots	oz.	25.00	30.00
Digitalis leaves, dms	lb.	.85	1.25
Digitoxin, USP, bots	gram.	9.60	10.00
Diglycol, laurate, dms	lb.	.30	.32
Oleate, dms	lb.	.25	.27
Stearate, dms	lb.	.25	.26
Dihexyl sebacate, dms., c.l., works,	lb.	.42½	—
l.c.l., works	lb.	.43	—
tanks, works	lb.	.41	—
Dihydrostreptomycin hydrochloride and sulphate, hospitals, vials,	gram.	.60	—
wholesalers, vials	gram.	.48	—
Dihydroxydichlorodiphenylmethane, dms	lb.	.95	1.00
smaller containers	lb.	1.05	1.40
Di-isobutyl ketone, dms., c.l. dlvd.	lb.	.14	—
l.c.l., dlvd	lb.	.14½	—
tanks, dlvd	lb.	.12½	—
Di-isobutylene, dms., c.l., works	lb.	.07	—
l.c.l., works	lb.	.07½	—
tanks, works	lb.	.05½	—
Di-isooctyl phthalate, dms., c.l., dlvd.	lb.	.39½	—
l.c.l., same basis	lb.	.40½	—
tanks, same basis	lb.	.38	—
Dillseed, natural, bgs	lb.	.10½	.11
dewhiskered, bgs.	lb.	.12	.12½
Dimethyl chloroacetal, dms., c.l., works	lb.	.53	—
l.c.l., works	lb.	.55	—
tanks, works	lb.	.51	—
Phthalate, dms., c.l., dlvd	lb.	.23½	—
l.c.l., dlvd.	lb.	.24½	—
tanks, dlvd.	lb.	.22	—
Sebacate, dms., c.l., works	lb.	.69½	—
l.c.l., works	lb.	.70	—
tanks, works	lb.	.68	—
Sulphate, 55-gal. ret., dms., c.l., works	lb.	.15	—
l.c.l., works	lb.	.16	—
10-gal. ret. dms., works	lb.	16½	—
Dimethylamine, 25%-40%, dms., c.l., works, basis 100%	lb.	.37	.38
l.c.l., works, basis 100%	lb.	.37½	.38½
tanks, works, basis 100%	lb.	.33	—
Dimethylanilin, dms., c.l.	lb.	.23	—
l.c.l.	lb.	.25	—
tanks	lb.	.21	—
Dimethylethanolamine, dms., c.l., dlvd	lb.	1.43	—
l.c.l., dlvd.	lb.	1.45	—
tanks, dlvd.	lb.	1.40	—

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*Trade Mark

Dinitroanilin, dms., frt. equald	lb.	.50	—
Dinitrobenzene, crude, bbls	lb.	.16	—
Dinitrochlorobenzene, 48° C m.p., dms., c.l	lb.	.13½	.14½
l.c.l.	lb.	.14	.15
tanks	lb.	.13¼	.14¼
Dinitrophenol, bbls	lb.	.28	.29½
Dinitrotoluene, oily, dms	lb.	.08½	.09
refd., dms	lb.	.18	.19
Dinonylnaphthalene c.l., dms. works	lb	13	—
l.c.l. dms. works	lb	14	—
tanks works	lb	12	—
Dioctyl adipate, dms., c.l., works, frt. alld	lb.	.435	—
l.c.l., same basis	lb.	.445	—
tanks, same basis	lb.	.53	—
Dioctyl phthalate, dms., c.l., frt. alld	lb.	.39½	—
l.c.l., frt. alld	lb.	.40½	—
tanks, frt. alld	lb.	.38	—
Diorthotolylguanidin, dms., ton lots, dlvd	lb.	.48	—
smaller lots, dlvd	lb.	.50	—
Dioxan, dms., c.l., frt. alld	lb.	.25	—
l.c.l., same basis	lb.	.25½	—
tanks, same basis	lb.	.23½	—
Dip oil (see Tar acid oil).			
Dipentaerythritol, bgs., l.c.l., works	lb.	.34	—
Dipentene dest.-dist., dms. incl., c.l., works, South	gal.	.35	.53
l.c.l., same basis	gal.	.36	.55
N. Y. whse.	gal.	.46	—
tanks, works, South	gal.	.20	—
steam-dist., dms., c.l., works, South	gal.	.36	—
l.c.l., works, South	gal.	.46	—
dlvd. N. Y.	gal.	.52	—
Diphenyl, bbls., c.l., works	lb.	.15	—
l.c.l., works	lb.	.16	.20
Oxide, perfume grade, cns., dms.	lb.	.43	.52
Diphenylamine bbls	lb	26	—
Diphenylguanidin, dms., ton lots	lb	39	—
smaller lots	lb	40	—
Diphenylhydantoin-sodium, USP dms	lb.	3.25	3.50
Dipropyleneglycol dms c.l., frt. alld	lb.	14½	—
l.c.l., same basis	lb.	15½	—
tanks, same basis	lb.	13	—
Dipropyleneglycol methylether, dms., c.l., frt. equald	lb.	.18	—
l.c.l. same basis	lb	18½	—
tanks, same basis	lb	16½	—
Ditertiarybutylmetacresol, dms., c.l., works	lb	.32	—
l.c.l., works	lb	33	—
tanks, works	lb	31	—
Ditertiarybutylparacresol, dms., c.l., works	lb.	.91	—
l.c.l., works	lb	95	—
Divi-divi, 43% tannin, bgs., bls., c.l., U. S. ports, ex dock	ton.	68.00	—
Divinylbenzene, 18% dms., c.l., works	lb	25	—
l.c.l. works	lb	26	—
tanks, works	lb	24	—
40% dms., c.l., works	lb	.55	—
l.c.l. works	lb	60	65
Dodecyltoluene, dms., c.l., works	lb	14	—
l.c.l., works	lb	15	—
tanks, works	lb	13	—
Doggrass root, dom., cut, bls	lb	20	.24
imp., NF, cut, bls	lb	25	.30
Dogwood bark, Jamaica	lb.	.10	.14
Dragon's blood, drops, cs	lb	.45	.47
mass, cs.	lb.	.90	1.00
reeds, cs	lb.	1.75	2.00
Dyes, coaltar, certified colors for food, drugs and cosmetics, 5 lb. and 1-lb. lots, dlvd.:—			
Blue, FD&C, No 1, cns	lb.	17.00	17.60
No 2, cns.	lb.	17.00	17.60
Green, FD&C, No. 1, cns.	lb.	17.00	17.60
No 2, cns.	lb.	22.20	22.85
No 3, cns	lb.	35.25	35.90
Orange, FD&C, No 1, cns.	lb	3.65	3.75
No 2, cns	lb	4.55	4.75
Red, FD&C, No. 1, cns.	lb	7.55	7.85
No. 2, cns.	lb	4.00	4.10
No. 3, cns.	lb.	22.20	22.85
No. 4, cns.	lb	7.20	7.50
No 32, cns.	lb	5.30	5.40
Yellow, FD&C, No. 1, cns.	lb.	10.50	11.05
No. 3, cns.	lb	3.30	3.40
No. 4, cns.	lb	3.30	3.40
No. 5, cns.	lb	4.00	4.10
No. 6, cns	lb	4.00	4.10
Dyes, coaltar, certified colors for drugs and cosmetics, 1-lb. lots, works, 25-50 lb. lots, dlvd:—			
Black, D&C, No 1, cns.	lb.	10.95	—
Blue, D&C, No. 4, cns.	lb.	13.55	—
Brown, D&C, No. 1, cns.	lb.	16.10	—
Green, D&C, No. 5, cns.	lb.	16.10	—
No. 6, cns.	lb.	16.10	—
No. 7, cns.	lb.	14.80	—
Orange, D&C, No. 3, cns.	lb.	10.95	—
No. 4, cns.	lb.	20.05	—
No. 5, cns.	lb	5.70	—
No. 10, cns.	lb.	20.70	—
Red, D&C, No. 8, cns.	lb	3.75	—
No. 9, cns.	lb	3.75	—
No. 10, cns.	lb	3.00	—
No. 11, cns.	lb	2.25	—
No. 12, cns.	lb	3.00	—
No 17, cns.	lb.	10.95	—
No 18, cns.	lb.	24.00	—
No. 19, cns.	lb.	20.05	—
No 21, cns.	lb	4.70	—
No 22, cns.	lb.	10.95	—
No 28, cns.	lb.	24.65	—
No 33, cns	lb.	17.45	—
Violet, D&C, No. 1, cns.	lb.	16.10	—
No 2, cns	lb.	16.10	—
Yellow, D&C, No. 7, cns.	lb	10.95	—
No 8, cns.	lb	10.95	—
No 10, cns.	lb	13.50	—
No 11, cns.	lb	13.50	—
No 22, cns.	lb	9.15	—
No 33, cns.	lb	14.65	—
No 37, cns.	lb.	13.55	—
Dyes, coaltar, certified colors for drugs and cosmetics, external use, 1-lb. lots, works, 25-50 lb. lots, dlvd:—			
Blue, Ext. D&C, No. 1, cns	lb.	16.10	—
Green, Ext. D&C, No. 1, cns	lb.	16.10	—
Red, Ext. D&C, No. 1, cns	lb.	13.50	—
Yellow, Ext. D&C, No 1, cns	lb	10.95	—
Dyes, coaltar, for general use in cloth dyeing (numbers are those of the Colour Index scale or prototype).			
10 Chrysodine G	lb	.59	—
27 Orange G	lb	.71	—
31 Amido naphthol red G.	lb	.59	—
36 Alizarine yellow 2G	lb	.76	—
40 Alizarine yellow R	lb	.97	—
57 Amido naphthol red 6B	lb	.90	—
79 Ponceau R	lb	.68	—
151 Orange II	lb	.44	—
165 Red lake C	lb	1.05	—
179 Azo rubine	lb	.95	—
176 Red lake A	lb	.80	—
180 Diamond blue 3B	lb	.84	—
185 Cochineal red A	lb	.85	—
202 Chrome blue black R	lb	.62	—
203 Chrome black T	lb	.72	—
208 Sulphon acid blue R	lb	.83	—
216 Acid alizarin red B	lb	.77	—
234 Resorcin brown	lb	.82	—
246 Naphthol blue black	lb	.78	—
278 Benzo fast red SBL	lb	2.74	—
289 Sulphon cyanine 5R extra	lb	1.00	—
299 Diamond black F	lb.	1.78	—
304 Nerol 2B	lb.	1.84	—
326 Benzo fast orange S	lb.	1.45	—
332 Bismarck brown w	lb	.78	—
365 Chrysophenine	lb	2.14	—
382 Diamine black BH	lb.	1.51	—
401 Diamine black BH	lb.	.58	—
408 Benzo blue 2B conc	lb.	.90	—

Dyes, coaltar, for general use in cloth dyeing (numbers are those of the Colour Index scale or prototype):			
419 Diamine fast red F	lb.	1.05	—
426 Diamine brown M	lb.	.82	—
448 Benzo purpurine 4B	lb.	1.08	—
518 Diamine sky blue FF	lb.	1.48	—
561 Trisulphon brown B	lb.	1.78	—
581 Direct deep black EW extra.	lb	.81	—
593 Diamine green B	lb.	.60	—
598 Congo brown G	lb.	1.20	—
620 Sun yellow	lb.	.84	—
639 Xylene light yellow	lb	1.77	—
640 Tartrazine	lb	1.34	—
655 Auramine	lb	1.69	—
657 Malachite green	lb.	1.93	—
662 Brilliant green	lb.	2.55	—
667 Brilliant milling green B	lb.	3.27	—
671 Glaucine	lb.	1.54	—
680 Methyl violet B	lb.	.95	—
681 Crystal violet	lb.	1.91	—
698 Formyl violet S4B	lb.	1.51	—
720 Chrome azurol B	lb.	3.60	—
729 Victoria blue B	lb.	2.48	2.66
737 Wool green S	lb	2.14	—
749 Rhodamine B	lb	3.85	—
814 Chloramine yellow	lb	2.76	—
841 Safranine	lb	2.58	—
865 Nigrosine WSJ 78	lb.	.59	—
922 Methylene blue GXX	lb	1.28	—
969 Hydron blue R	lb	.72	—
978 Sulphur black T extra	lb.	.28½	—
1027 Alizarin Vi	lb	.64	—
1034 Alizarin red S	lb	2.30	—
1054 Alizarin saphiro B	lb.	2.59	—
1078 Alizarin cyanine green	lb.	2.61	—
1085 Alizarin blue black B	lb.	2.13	—
1090 Indanthrene golden orange G, single paste	lb	1.96	—
double paste	lb.	3.92	—
1099 Indanthrene dark blue BO, single paste	lb.	1.72	—
1101 Caledon jade green	lb.	2.32	—
1106 Indanthrene blue RS, double paste	lb.	2.52	—

Dyes, coaltar, for general use in cloth dyeing (numbers are those of the Colour Index scale or prototype)—			
1113 Indanthrene blue GCD, double paste	lb.	1.72	—
1150 Indanthrene olive R, single paste	lb	1.08	—
1151 Indanthrene brown R, single paste	lb.	1.65	—
double paste	lb.	3.29	—
1212 Indanthrene sea violet RH, single paste	lb.	1.54	—
1217 Helindon orange R, single paste	lb.	1.57	—
p-4 Acid anthracine brown P.G.	lb.	2.48	—
p-14 Anthracene chromate brown EB	lb.	1.25	—
p-24 Benzo fast black L	lb.	1.94	—
p-80 Diazo brilliant scarlet ROA	lb.	2.55	—
p-202 Zambesi black V	lb.	.97	—
p-244 Celliton scarlet B	lb.	1.25	—
p-313 Naphthol AS-SW	lb.	2.74	—
Dyes, coaltar, for stains, oil-soluble, 100-lb. dms., sellers' works.			
Black, blue, No. 550	lb.	.72	—
Jet, No. 551	lb.	.79	—
Brown, R, conc	lb.	1.44	—
Orange R, brilliant	lb.	.80	—
Red 4 B, conc	lb.	1.22	—
Yellow, C	lb.	1.05	—
Dyes, coaltar, for stains, spirit-soluble, 100-lb dms., sellers' works,			
FN, conc	lb	1.08	—
Auramine, O	lb.	1.69	—
Black, basic, blue	lb	1.08	—
Jet	lb	1.08	—
Blue, methylene, 2 B, conc	lb.	1.42	—
Brown, Bismarck, R, conc	lb.	.78	—
Chrysodine, R, extra	lb.	.55	—
Y, extra	lb.	.59	—
Fuchsine, conc	lb.	2.82	—

Dimethylethanolamine—Ephedrine Sulphate

Dyes, coaltar, for stains, spirit-soluble, 100-lb. dms., sellers' works.			
Green, malachite, conc	lb.	1.93	—
Rhodamine, B	lb.	3.97	—
Safranine, Y, conc	lb.	2.66	—
Violet, methyl, B	lb.	1.01	—
Dyes, coaltar, for stains, water-soluble, 100-lb dms., sellers' works.			
Black, acid blue, B extra	lb	.76	—
Orange, acid, Y, conc	lb.	.42	—
Rhodamine, azo- R, extra, conc.			
Rhodamine, R, extra, conc	lb	3.77	—
Scarlet, croceine, MOO	lb	1.33	—
Yellow, azo-, conc	lb.	.82	—
Fast light, 3 G, extra	lb	1.80	—
Methanil, conc	lb	.63	—
Oil-soluble, spirit-soluble, water-soluble dyes in kegs, 3c. higher: tins, 10c. higher			

E

Echinacea root, bls	lb.	.45	.55
Egg albumen (see Albumen).			
Yolk, dried, dom., bbls	lb.	1.09	1.12
tanners, bbls	lb	.06½	.07
Elder flowers, bright, bls	lb	.40	.50
Elecampane root, bls	lb	.22	.25
Elm bark, grinding, bls	lb.	.30	.35
powd., bbls., bxs	lb.	.40	.45
select, bndls	lb.	.55	.60
Emetine hydrochloride USP, bots	oz.	38.75	42.00
Ephedra herb, bls	lb.	.30	.32
Ephedrine, synthetic, USP, anhydrous, bots., 100 ozs	oz.	.98	—
hydrous, bots., 100 ozs	oz.	.92	—
Hydrochloride, tin, 100 ozs	oz.	.75	—
Sulphate, cryst., tins, 100 ozs.	oz.	.72	—
powd., tins, 100 ozs	oz.	.73	—

If You **SULFONATE** ...You've Got Problems

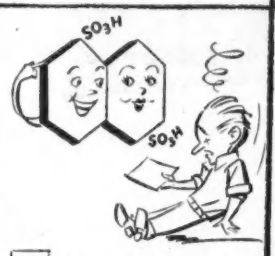
JUST CHECK THEM OFF

☐ Time-consuming stratification step.

☐ Solvent losses during extractions.

☐ Batches too small.

☐ Organics resist conventional sulfonations.



☐ Wrong isomers formed.

☐ Filtration of sulfate sludge.

☐ Spent acid disposal.

☐ Corrosion from by-product HCl.

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Epicholorhydrin—Ginger Root, Cochin

Epichlorohydrin, dms., c.l., works lb. .36½ - —
l.c.l., works lb. .37 - —
tanks, works lb. .35 - —
Epinephrine, synth., USP, bots., 100 grams gram. .45 - —
Epsom salt, tech., bgs., c.l., works, 100 lbs. 2.15 —
l.c.l., works 100 lbs. 2.90 3.15
USP, cryst., bgs., c.l., works 100 lbs. 2.35 —
l.c.l., 5,000 lbs., 1 withdrawal 100 lbs. 3.10 —
smaller lots 100 lbs. 3.35 - —
Ergot, NF, dms., tin-lined lb. 4.00 - 4.25
Eserine, bots. oz. 45.00 -50.00
Salicylate, USP, bots oz. 36.00 -40.00
Sulphate, bots. oz. 35.00 -36.00
Ether, acetate (see Ethyl acetate).
Butyl, dms., c.l., dlvd lb. .30½ - —
l.c.l., dlvd lb. .31 - —
tanks, dlvd lb. .29 - —
Butyric (see Ethyl butyrate).
Dichloroethyl, purif., dms., works, lb. .16½ - —
l.c.l., same basis lb. .17 - —
tanks, same basis lb. .15 - —
Divinyl, USP, anesthesia, bots., 50 cc, hospitals bot. 1.00 - —
75 cc, hospitals bot. 1.56 - —
Ethyl, absolute, ACS, dms lb. .30 - —
anesthesia, USP, hospital, cns. lb. 75 .90
Industrial, USP, dms., c.l., dlvd. lb. .10½ - —
l.c.l., same basis lb. .12½ - —
tanks, same basis lb. .08½ - —
synthetic, dms., incl., dlvd. East lb. .10½ - —
l.c.l., same basis lb. .12½ - —
tanks, same basis lb. .08½ - —
Ether, isopropyl, dms., c.l., dlvd lb. .06 - —
l.c.l., dlvd lb. .06½ - —
tanks, dlvd lb. .04½ - —
Nitrous, conc., bots., 100 lbs lb. 1.03 1.10
Ethyl acetate, natural, fermentation, 85-88% dms., c.l. frt alld. lb .10½ —
l.c.l. frt alld lb .11½ —
tanks, frt alld lb .09 —
95-98%, dms., c.l., frt alld. lb .10¾ - —
l.c.l. frt alld lb .11¾ —
tanks, frt alld lb .09¼ - —
99%, dms., c.l., frt alld. lb 11 —
l.c.l. frt alld lb 12 —
tanks, frt. alld lb .09½ - —
synthetic, 85-90%, dms., c.l., frt, alld lb .10½ - —
l.c.l. frt alld lb 11½ —
tanks, frt. alld lb 09 —
95-98%, dms. c.l., frt. alld. lb 10¾ —
l.c.l. frt alld lb 11¾ —
tanks, frt alld lb 09¼ —
99%, dms., c.l., frt alld lb 11 —
l.c.l. frt alld lb 12 —
tanks, frt. alld lb 09 —
Acetoacetate, dms., c.l., dlvd lb. .47½ - —
l.c.l. dlvd lb 48½ - —
tanks, dlvd lb 46 —
Acrylate, dms., c.l., and truckload, works lb. .49 - —
less than truckload, works lb. .49½ - —
tanks, works lb. .48 - —
Benzoate, dms lb. .68 - —
Betaethoxypropionate, dms, works lb 70 —
Bromide, tech., 98%, dms lb .39 41
Butyrate, bots. gal 4.75 —
cns., works lb 65 .70
dms., works lb 60 —
Carbamate (see Urethane)
Ethyl chloride, tech., tanks, frt. alld. East lb. .13½ - —
USP, bbls., cyl lb. .20 .22
Cinnamate, cns lb. 2.30 3.60
Formate, dms lb. .35 —
Iodide, bots., works lb. 3.50 - 4.27
cbys., works lb. 2.60 - 2.85
Lactate, dms., works lb. .41 - —
Methacrylate, dms., c.l. and truckload, works lb .50 - —
less than truckload, works lb. .50½ - .60
Nitrite (see Ether, nitrous)
Oenanthate, dms lb. 1.00 2.00
Oleate, dms, l.c.l. works lb. .53 - —
Oxalate (see Diethyl oxalate).
Silicate, dist (see Tetraethylorthosilicate).
40% available SiO_2, dms. works, lb .55 - —
Ethylalpnanaphthylamine, dms lb. .80 - —
Ethylanilin, dms lb. .60 - —
Ethylbenzene, dms., c.l lb. .14 - —
l.c.l. lb. .15 - —
tanks lb. .13 - —
Ethylcellulose, 6b dms. 5,000 lbs., works lb. .52 - —
smaller lots, works lb. .54 - .62
Ethylene dichloride, dms. c.l., works frt alld. E. of Rockies lb. .09½ - —
W. of Rockies lb. .10½ - —
l.c.l., works, frt. alld. E of Rockies lb. .11½ - —
W of Rockies lb .11½ - —
tanks, frt. alld., E. Rockies lb .08 - —
W of Rockies lb .09 —
Oxide, cyls., c.l., works lb. .23¾ - —
l.c.l., works lb. .24¾ - —
tanks, frt. alld. East lb. .16¾ - —
Trichloride (see Trichloroethane)
Ethylenediamine, dms., c.l., works lb. .42 - —
l.c.l., works lb. .42½ - —
tanks, works lb. .40 - —
Ethyleneglycol, dms., c.l., frt. alld. E lb .16 - —
l.c.l., same oasis lb. .17 - —
tanks, same oasis lb. .14½ - —
Diethylether, dms., l.c.l., works lb .50 —
Monobutylether, dms., c.l., works, lb. .20 - —
l.c.l., works lb. .20½ - —
tanks, works lb. .18½ - —
Monoethylether, dms., c.l., works, lb. .18 - —
l.c.l., works lb. .18½ - —
tanks, works lb. .16½ - —
Monoethylether acetate, dms., c.l., works lb. .16 - —
l.c.l., works lb. .16½ - —
tanks, works lb. .14½ - —
Monomethylether, dms., c.l., works lb 15½ —
l.c.l., works lb. .20 - —
tanks, works lb 18 —
Monomethylether acetate, dms., c.l. works lb 24½ —
l.c.l. works lb 25 —
tanks works lb 23 —
Monostearate, dms. lb. .33 - —
Ethylethanolamines mixed, dms., c.l., works lb .32 - —
l.c.l. works lb .33 —
Ethylmorphine hydrochloride, USP bots oz. 11.85 —
Ethylortnotoluidine, bbls lb .80 —
Ethylvanillin cns., 3 lbs. or more lb 6.75 —
smaller lots lb 6.80 6.90
Eucalyptol, USP, cns., dms lb 1.25 2.05
Eucalyptus leaves, bls lb 10 .14
Eugenol, prime USP lb 2.05 2.75
Euphorbia pil. herb. ols lb 18 20

F

Feldspar enamel, 100 mesh, bgs., works ton. 20.00 -22.00
Glass, 20 mesh, bulk, tons, works, ton. 11.75 -12.50
Pottery, bgs., ton lots, works ton. 20.00 -22.00
bulk, c.l., works ton. 18.00 -20.00
Fennel seed, Argentine, bgs lb. .16 Nom.
French, bgs lb. .12 - .13
Indian, bgs lb. .12 - .12½
Fenugreek, domestic, bgs lb. No stocks.
Indian, bgs lb. .11 - .11½
futures, bgs lb. .11 - .11½
Moroccan, bgs lb. .06¾ - .07
Syrian, bgs lb. .07 - .07¼
Ferric-ammonium citrate (see iron-ammonium citrate)
Ferric cacodylate (see iron cacodylate).
Ferric glycerophosphate (see iron-glycerophosphate).
Ferric hypophosphite (see Iron hypophosphite).
Ferric sulphate (see Iron sulphate, ferric).
Film scrap, colored, cs., works lb. .11½ - —
water-white, cs., works lb. .13½ - —
Fir balsam, Canada, cns gal. 32.50 -33.00
Oregon, bbls. gal. 2.35 - 2.60
Fishberries, bgs lb. .20 - .25
Fishliver oil (see Oil, fishliver).
Fishmeal, ground, 60% protein, bgs., Balto. area ton. 145.00 - —
Fishscrap, dried, 60% protein, bulk, Balto. area ton. 140.00 Nom.
Fleaseed (see Psyllium seed)
Fringetree bark, bls lb. 42 45
Fluorspar acid grade, bgs., c.i. mines ton. 47.50 - —
l.c.l., mines ton. 49.50 - —
bulk, contract, c.l., mines ton. 42.00 - —
noncontract, c.l., mines ton. 45.00 - —
l.c.l., mines ton. 47.00 —
ceramic grade, No. 1, ground 90-92% CaF_2, bulk, c.l. mines net ton. 39.00 -41.00
powd. 90-92% ton. 41.00 —
foundry grade, lump 55-60% ton. 34.00 —
washed, gravel, 70% or more, CaF_2, bulk, c.l., mines ton. 35.00 -37.00
65% bulk, c.l., mines ton. 34.00 -36.00
60% bulk, c.l., mines ton. 33.00 -35.00
less than 60% bulk, c.l., mines ton. 32.00 -34.00
Formaldehyde USP (uninhibited), dms., c.l., E. works lb. .0570 - —
l.c.l. E. works lb. .0620 - —
tanks, E. works lb. .0370 - —
methanol-free (uninhibited), tanks, works lb .0350 - —

Tankcar and tankwagon prices above are on a delivered basis in New England, Eastern New York, N. J., Eastern Penna., and part of Delaware, in states other than Eastern Seaboard, as well as W. of Rockies, prices f.o.b. Texas plants, are .022 for inhibited and .020 for uninhibited

Fuller's earth dom., powd., bgs. c.i. Fla., Ga mines ton. 30.00 —
Tex., mines ton. 27.00 —
spent, bulk, Bayonne ton 2.00 4.00
imported, bgs., c.l. ton. 30.00 -40.00
Furfural, tech., dms., c.l., works lb .12 —
l.c.l. works lb 14 —
tanks, works lb .09½ —
Fusel oil, refined, dms., c.l., dlvd lb. .23½ - —
l.c.l., dlvd lb. .24½ - —
tanks, dlvd lb. .22 - —
Fustic extract, cryst., No. 1, bbls. l.c.l lb 42½ —
No. 1A bbls., l.c.l. lb. 41½ - —
No. 2, bbls., l.c.l lb. 40½ - —
No. 3, bbls., l.c.l. lb. 38½ - —
liquid, No. 0, bbls., l.c.l. lb 22 - —
No. 1, bbls., l.c.l. lb .20½ - —
No. 2, bbls., l.c.l. lb .18½ - —
No. 3, bbls., l.c.l. lb 17 - —
solid, No. 1, bgs., l.c.l lb 28 —

G

G salt, bbls lb. .59 60
Galangal root, bls lb. .23 - .25
Gambier, plantation, bgs., ex dock lb. No stocks.
Extract, bbls No stocks.
Gammapicoline, 95%, dms., c.l., works lb. 1.00 1.05
Gasoline, at refinery, ex tax, Arkansas, 80 octane, tanks gal. .09875 - —
Bayonne, 83 octane, tanks, gal. .116 - —
Gulf coast, 80 octane, tanks gal. .10 - .11
Group 3, 80 octane, tanks gal. .095 - .09625
Pennsylvania, western, U. S. motor, 83 octane, tanks gal. .12 - —
natural, 26-70 octane, group 3, tanks gal. .0425 - —
Gelatin, silver label, imported, cs lb. 1.15 —
Gelsemium root, bls lb. .25 .30
Gentian root, bls lb. .13 .17
grd., bbls., bxs lb. .17 .18
powd., bbls., bxs lb. 18 .21
Geraniol, extra, cns., dms lb 2.50 2.75
prime lb 2.20 2.40
Geranyl acetate, cns. lb. 2.65 3.90
Ginger, oleoresin, NF, African, bots. lb. 7.50 - 8.40
Jamaican lb. 9.50 -12.00
Root, African, bls lb. .37 - .38
Mar.-May shipment, bgs lb. .36 - .37
Cochin, bleached, bgs., futures, lb. No stocks.
unbleached, bgs., futures lb. No stocks.

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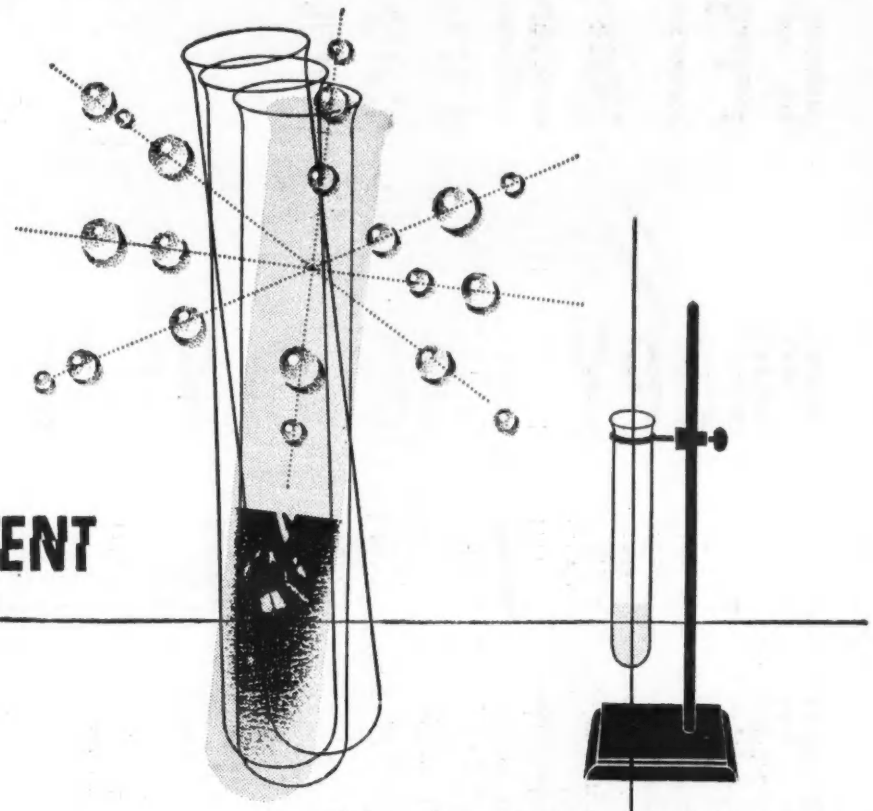
Ginger root, Jamaica, No. 1, bags., lb.	.48	-	.48½
No. 2, bgs. lb.	.44½	-	.45
No. 3, bgs. lb.	.43	-	.43½
afloat, bgs. lb.	.43½	-	.44
Rhattoon, bgs. lb.	.40	-	.41
Nigerian, split, bgs. lb.	.33	-	.34
Ginseng root, cs. lb.	12.00	-	16.00
Glauber's salt, anhyd. (see Sodium sulphate).			
cryst., bgs., c.l., works 100 lbs.	1.60	-	—
l.c.l., bgs., works 100 lbs.	1.75	-	2.00
Glue, bone, calcium type, 24 millipoise, 40 jellygrams, bgs., c.l., East of Midwest lb.	.18½	-	—
65 jellygrams, bgs., c.l., same basis lb.	.20	-	—
80 jellygrams, bgs., c.l., same basis lb.	.21	-	—
110 jellygrams, bgs., c.l., same basis lb.	.22	-	—
130 jellygrams, bgs., c.l., same basis lb.	.23	-	—
Over 150 jellygrams, bgs., c.l., same basis lb.	24		—
Bone glue, l.c.l., 1c. per lb. higher than c.l.			
ground, 65 jellygrams, bgs., c.l., (50,000 lbs.), dlvd. lb.	.20½	-	—
l.c.l., same basis lb.	.21½	-	—
Hide, 100-121 (jellygrams), bgs., c.l., dlvd. lb.	.22	-	.25
122-149, bgs. c.l. dlvd lb	23		.26
150-177 bgs., c.l., dlvd lb	24		.27
178-206 bgs., c.l., dlvd lb	25		.29
207-236, bgs., c.l., dlvd lb	26		.30
237-266, bgs., c.l., dlvd lb	27		.31
267-206 bgs., c.l., dlvd lb	28		.32
299-330 bgs., c.l., dlvd lb.	.29	-	.33
331-362, bgs., c.l., dlvd lb.	.30		.33
363-394, bgs., c.l., dlvd lb	31		.34
395-427 bgs., c.l., dlvd lb	32		.35
428-460, bgs., c.l., dlvd lb	33		.36½
461-494, bgs., c.l., dlvd lb	34		.38
495-529 bgs., c.l., dlvd lb	35		.39
Hide glue, l.c.l., prices 1c. higher than c.l.; bbls. ½c more than bgs.			
Glycerin, crude, saponification, 88% to refiners, tanks, dlvd lb.	.16¾		.18¾
soaplye, 80%, tanks, dlvd lb.	.15¼		.16½
dynamite, dms., c.l., dlvd lb.	.24	-	—
l.c.l., dlvd lb.	.24½	-	—
tanks, dlvd lb	.23½	-	—
high gravity, dms., c.l., dlvd lb.	.24¼	-	—
l.c.l., dlvd lb.	.24¾	-	—
tanks, dlvd lb.	.23¾	-	—
refined, BP, 98%, dms., c.l., dlvd. lb.	.25½	-	—
l.c.l., dlvd lb.	.26	-	—
tanks, dlvd lb.	.25	-	—
USP, c.p., 95% dms., c.l., dlvd. lb.	.24¾	-	—
l.c.l., dlvd lb.	.25¼	-	—
tanks, dlvd lb.	.24¼	-	—
yellow, distilled, dms., c.l., dlvd lb.	.24¼	-	—
lb.	.24½	-	—
l.c.l. dlvd lb.	.24¾	-	—
tanks, dlvd. lb.	.23¾	-	—
Glycine USP (see Acid, aminoacetic).			
Glyoxal, 30%, dms., c.l., works lb.	.17½	-	—
l.c.l., works lb.	.18		—
tanks, works lb	17		—
Gold chloride, acid-brown, bots. oz.	22.00	-	22.25
acid-yellow, bots. oz.	20.00	-	20.25
Gold of pleasure seed, bgs. lb.	.40		.41
Goldenseal root, bls. lb.	2.90	-	3.50
powd., bxs. lb.	3.50	-	4.00
Gold-sodium chloride, photo, bots. oz.	13.50		14.00
USP IX, bots oz.	14.50		15.00
Grains of paradise, bgs. lb.	.69	-	.70
Graphite, imported, amorph., powd., bgs., dlvd lb.	No prices.		
crystalline, 88-90%, powd., bgs., ex whse lb.	No prices.		
90-92%, powd., bgs., ex whse. lb.	No prices.		
97%, powd., bgs., ex whse lb.	No prices.		
flake, No. 1, 90-95%, ogs., ctns., ex whse lb.	No prices.		
No. 2, whse lb.	No prices.		
Grease, house, loose, dlvd. lb.	.04¾	-	—
White, choice, loose lb.	.06⅝	-	—
Wool (see Degras and Lanolin).			
Yellow, loose lb.	.05¼	-	—
Green, brilliant, thioflavin, toner, molybdic, kgs., works lb.	4.25	-	4.50
Tungstic, kgs., works lb.	4.25	-	4.50
16-20%, bbls., same basis lb.	.38½	-	—
Chrome, CP, dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N.C. E. of Miss., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis lb.	.32	-	—
6-10%, bbls., same basis lb.	.33	-	—
11-15%, bbls., same basis lb.	.34	-	—
16-20%, bbls., same basis. lb.	.34½	-	—
21-25%, bbls., same basis lb.	.35¼	-	—
26-30%, bbls., same basis lb.	.35¾	-	—
31-35%, bbls., same basis lb.	.36¾	-	—
36-40%, bbls., same basis lb.	.38½	-	—
41-45%, bbls., same basis lb.	.40	-	—
46-50%, bbls., same basis lb.	.22¼	-	—
50% and over, bbls., same basis lb.	.42¾	-	—
reduced color, 5%, bbls., same basis lb.	.12½	-	—
6-10%, bbls., same basis lb.	.13¼	-	—
11-13%, bbls., same basis lb.	.13¾	-	—
14-16%, bbls., same basis lb.	.14½	-	—
17-19%, bbls., same basis lb.	.14¾	-	—
20-21%, bbls., same basis lb.	.15	-	—
22-23%, bbls., same basis lb.	.15¼	-	—
24-25%, bbls., same basis lb.	.15¼	-	—
26-27%, bbls., same basis lb.	.15¾	-	—
28-29%, bbls., same basis lb.	.16¼	-	—
30-31%, bbls., same basis lb.	.17¼	-	—
32-33%, bbls., same basis lb.	.18½	-	—
34-35%, bbls., same basis lb.	.19½	-	—
36-40%, bbls., same basis lb.	.41¾	-	—
41-45%, bbls., same basis lb.	.24½	-	—
46-50%, bbls., same basis lb.	.26	-	—
51-55%, bbls., same basis lb.	.25¾	-	—
56-60%, bbls., same basis lb.	.26¼	-	—
61-65%, bbls., same basis lb.	.27¼	-	—
66-70%, bbls., same basis bl.	.28½	-	—

Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.); Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita prices are equalized with Chicago.

Green, chromium oxide, hydrated, bbls., works lb.	.75	-	1.00
pure, bgs., frt. alld lb.	.38	-	.40
Dyes (see Dyes, coaltar).			
Malachite, thioflavin toner, molybdic, bbls., works lb.	3.00	-	—
Tungstic, bbls., works lb.	3.40	-	—
Paris (see P).			
Phthalocyanin toner, bbls., works, lb.	4.40		5.00
Tungstated, brilliant, kgs. lb.	3.00	-	4.00
Emerald, kgs lb.	2.60		—
Verdigris (see V).			
Grindelia robusta herb, bls. lb.	.24		.30
Guaiac resin, NF, cs. lb.	.60		.63
ordinary, cs. lb.	.49		.51
Wood, bls lb.	.33		.36
Guaiacol, cryst., tins lb.	No prices.		
Liquid, NF, bots., cbys. lb.	1.90	-	1.95
Carbonate, dms lb.	2.95		3.00
Guarana, powd., cs. lb.	1.50		1.75
Gum, accroides (see Gum, yacca).			
Aloe (see A.).			
Ammoniac, tears, cs lb.	.90	-	.93
Arabic, amber, sorts, bgs. lb.	.12	-	.13½
powdered, USP, bbls lb.	.20½	-	.21
Asafetida (see A).			
Asphaltum (see A)			
Benzoin, Sumatra, cs lb.	.50	-	.70
Camphor (see C).			
Copal, Congo, No. 1, bgs. lb.	.25	-	.26
No. 2, bgs. lb.	.20	-	.21
No. 3, bgs lb.	.16	-	.17
Manila, toba, B, bgs. lb.	No prices.		
C, bgs. lb.	.26	-	.27
CBB, bgs. lb.	.22	-	.23
CNE, bgs. lb.	No prices.		
DBB, bgs. lb.	.22	-	.23
DK, bgs. lb.	.13	-	.14
dust, bgs. lb.	No prices.		
soft, MA, bgs lb.	.14	-	.15
WS, bgs. lb.	No prices.		
Gum, copal, Philippine, pale, chips, bgs. lb.	.19	-	.21
nubs, bgs. lb.	.23	-	.25
seeds, bgs. lb.	.14	-	.15
sorts, bgs. lb.	.16	-	.17
Pontianak, chips, bgs. lb.	.14	-	.16
nubs, bgs. lb.	.25	-	.27
Dammar, Batavia, A/D, bgs. lb.	.28	-	.30
A/E, bgs. lb.	.23	-	.24
dust, bgs. lb.	.07½	-	.08½
E, bgs. lb.	.12½	-	.13½
East India, batu, bold, bgs. lb.	.09	-	.10
nubs and chips, bgs. lb.	.06	-	.07
black, bold, bgs lb.	.11	-	.12
unscraped, bgs. lb.	.09	-	.10
nubs and chips, bgs. lb.	.09	-	.10
pale, chips, bgs lb.	.11	-	.13
nubs, bgs. lb.	.20	-	.22
Singapore, No. 1, bgs. lb.	.28	-	.30
No. 2, bgs lb.	.20	-	.21
No. 3, bgs. lb.	No prices.		
dust, bgs. lb.	.09	-	.10
seeds, bgs. lb.	.12½	-	.13½
Elemi, cns. lb.	.21	-	.22
Ester, gum-rosin type, dms., c.l., divd. Ill., Ind., Ky., Mich., Mid-Atl. States, N. E. States, Minneapolis, N. C., Ohio, St. Louis, St. Paul, Va., W. Va. lb.	.12	-	.12½
wood-rosin type, dms., c.l. dlvd. Ill., Ind., etc. lb.	.12	-	.12½
Euphorbium, cs. lb.	.35	-	.40
Galbanum, cs. lb.	.75	-	.80
Gamboge, pipe, cs lb.	1.15	-	1.25
powd., bbls lb.	1.35	-	1.40
Ghatti, No. 2, bgs lb.	.35	-	.37
No. 3, bgs lb.	.31	-	.33
Guaiac (see Guaiac resin).			
Karaya, powd., No. 1 lb.	.49	-	.54
No. 2 lb.	.45	-	.46
No. 3 lb.	.34	-	.33
Gum, kauri, bgs. lb.	.31½	-	.32¾
Locust bean, powd., bgs. lb.	.31	-	.33
Mastic, cs. lb.	2.25	-	2.50
Myrrh, cs. lb.	.30	-	.35
Olibanum, siftings, cs. lb.	.12	-	.13
tears, cs. lb.	.16	-	.30
Opium (see O).			
Red (see Gum, yacca).			
Rosin (see R).			
Sandarac, cks. lb.	1.93	-	2.25
Scammony, cs lb.	1.50		1.55
Sterculia (see Gum, karaya).			
Talha, bgs lb.	.10		.11
Tragacanth, No. 1, cs. lb.	2.75		3.00
No. 2, cs lb.	2.50		2.75
No. 3, cs lb.	1.75		2.00
powdered, USP, bbls. lb.	1.35		1.45
Yacca, bgs. lb.	.05½	-	.06¼
Gypsum, Keane's cement, paper bgs., c.l., Acme, Tex., frt. equald ton.	22.65	-	—
Harlem river, N. Y., frt. equald ton.	23.25	-	—
Medicine Lodge, Kan., frt. equald ton.	17.00	-	—
New Brighton, N. Y., frt. equald ton.	30.65	-	—
Southard, Okla., frt. equald ton.	17.00	-	—
Sweetwater, Tex., frt. equald ton.	21.45	-	—
Acme, Texas, frt. equald. ton.	12.50	-	—
Blue rapids, Kans., frt. equald ton.	10.50	-	—
Harlem river, N. Y., frt. equald ton.	12.00	-	—
Medicine Lodge, Kan., frt. equald ton.	12.50	-	—
New Brighton, N. Y., frt. equald. ton.	18.00	-	—



the
INCONSISTENT CATALYST

and how fine chemicals solved the problem for a synthetic rubber manufacturer

A manufacturer had trouble with the grade of Ferrous Sulfate he used as a catalyst. This was a technical grade, varying in ferric iron content and other impurities — and therefore not stable and consistent enough to give a uniform yield of a uniform product.

So he consulted Mallinckrodt. After carefully analyzing his difficulties, our technical experts recommended a special quality of Ferrous Sulfate, low in ferric iron content, packed in moisture-proof drums. That solved the problem: (1) because of the superior purity and stability of the chemical itself; (2) because the drums prevented troublesome hygroscopic action.

THE RESULTS: more controlled reaction — a smoother, faster and more economical process — a uniform product.

If you feel the need for chemical improvements, perhaps we can develop a new material ... or perhaps we already have the chemical to fill your needs.

We are in business to find the answers to your fine-chemical problems — and we are looking forward to your questions.

MALLINCKRODT CHEMICAL WORKS

Mallinckrodt St., St. Louis 7, Mo. • 72 Gold St., New York, N. Y.

CHICAGO • CINCINNATI • CLEVELAND • LOS ANGELES • MONTREAL • PHILADELPHIA • SAN FRANCISCO

Manufacturers of Medicinal, Photographic, Analytical and Industrial Fine Chemicals

Gypsum, Plaster of Paris—Mercury Cyanide

Gypsum, paster of paris, paper bgs., Saltville, Va., frt. equald ton. 9.00 • —
Southard, Okla., frt. equald ton.12.50 • —
Sweetwater, Tex., frt. equald ton.12.50 • —
Stucco, paper bgs., Akron, N. Y., frt. equald ton. 8.00 • —
Blue Rapids, Kans., frt. equald ton. 8.00 • —
Clarence Center, N. Y., frt. equald ton. 8.00 • —
Fort Dodge, Iowa, frt. equald ton. 8.00 • —
Gypsum, Ohio, frt. equald. ton. 8.00 • —
Grand Rapids, Mich., frt. equald ton. 8.00 • —
Harlem river, N. Y., frt. equald ton. 8.00 • —
National City, Mich., frt. equald ton. 8.00 • —
New Brighton, N. Y., frt. equald ton. 8.00 • —
Plasterco, Ga., frt. equald ton. 8.00 • —
Portsmouth, N. H., frt. equald ton. 8.00 • —
Roton, Texas, frt. equald ton. 8.00 • —
Saltville, Va., frt. equald. ton. 9.00 • —
Southard, Okla., frt. equald. ton. 8.00 • —
Sweetwater, Texas, frt. equald ton 8.00 • —
Terra alba, paper bags, c.l., Harlem River, N.Y. works ton.22.50 • —
New Brighton, N. Y., works ton.21.00 • —

H

Hawthorn berries, bgs. lb. .39 • .45
Heliotropin, cryst., cns. lb. 2.85 • 3.05
Hellebore root, dom., green, bls lb. .80 • .90
imp., black, whole, bls. lb. .20 • .25
ground, bxs. lb. .25 • .30
powder, bxs. lb. .27 • .32
white, whole, bls. lb. .30 • .40
powder, bxs. lb. .35 • .45
Helonias root, bls. lb. 1.65 • 1.75
Hematine extract, cryst., No. 0, bbls., l.c.l lb. .45½- —
No. 1, bbls., l.c.l. lb. .44½- —
No. 1A, bbls., l.c.l. lb. .41½- —
No. 2, bbls., l.c.l. lb. .40½- —
No. 3, bbls., l.c.l. lb. .38½- —
No. 4, bbls., l.c.l. lb. .36½- —
No. 5, bbls., l.c.l. lb. .34½- —
paste, No. 1, bbls., l.c.l. lb. .19 • —
No. 2, bbls., l.c.l. lb. .18 • —
No. 3, bbls., l.c.l. lb. .17 • —
No. 4, (red), bbls., l.c.l. lb. .12½- —
Hemlock bark extract, 25% tannin, bbls., c.l., works lb. No stocks.
tanks, works lb. No stocks.
Henbane leaves, bls. lb. .30 • .40
Henna leaves, bls. lb. .23 • .25
powd., bbls., bgs. lb. .27 • .29
Heptane, industrial, Bayonne, N. J., tanks gal. .16½- —
group 3, tanks gal. .12½- .13½
Hesperidin methylchalcone, works. lb.50.00 • —
Hexalin (see Cyclohexanol)
Hexamethylenetetramine, tech., bgs. c.l., Perth Amboy or N.Y.C. lb. .22 • —
l.c.l., same basis lb. .22½- —
bbls., c.l., same basis lb. .24 • —
l.c.l., same basis lb. .24½- —
USP, dms., 500 lbs. or more, same basis lb. .33½- —
smaller lots, same basis lb. .39½- —
Hexamine (see Hexamethylene tetramine)
Hexane, industrial, group 3, tanks, gal. .13½- .14½
Bayonne, N. J., tanks gal. .16½- —
Hexanol, normal, dms., c.l., works. lb. .30½- —
l.c.l., works lb. .31 • —
tanks, works lb. .29 • —
Hexyleneglycol, dms., c.l., dlvd lb. .14 • —
l.c.l., dlvd lb. .14½- —
tanks, dlvd lb. .12½- —
Hexylmethacrylate, normal, dms., less than truckload, works. lb. .71 • —
Hexylresorcinol, USP, 50 lbs. up, frt. alld lb.17.00 • —
works lb.15.00 -17.00
smaller lots, frt. alld lb.18.00 • —
works lb.18.00 -20.00
Histamine diphosphate, USP, bots. kilo.375.00 • —
Histidine hydrochloride—laevo, NF, fib. dms., 50 kilo lots, works kilo.100.00 -120.00
1-5 kilos, works kilo.110.00 -130.00
Homatropine hydrobromide, USP, bots oz.15.00 -16.00
Hydrochloride, bots oz.20.00 -22.00
Methylbromide, NF oz.13.00 -16.25
Hoofmeal, 17-18% ammonia bulk, c.l., Chicago unit-ton. 7.00 • —
Hops, NF, bls. lb .40 .45
Horehound, bls. lb. .19 • .20
Hydrangea root, bls. lb .14 .17
Hydrastine, bots oz.53.50 -53.80
Hydrochloride, NF oz.29.50 -36.00
Sulphate, bots oz.53.50 -53.80
Hydrastinine, 10-grain bots bot. 1.95 • —
Hydrastis (see Goldenseal).
Hydrofuramide, dms., fib. cns., works lb. .30 • .40
Hydrogen peroxide, USP, bbls lb. .03¾- .05
27½%, cbys., E. of Miss. or W. coast via Panama Canal lb. .17½- .19½
35%, cbys., same basis lb. .23½- —
dms., c.l., same basis lb. .20½- —
l.c.l., same basis lb. .21½- —
tanks lb. .19¾- —
Hydroquinone, photographic, bbls., dms lb .90 • —
tech., dms. lb .70 • —
Hydroxycitronellal, cns. lb 5.35 • 7.80
Hyoscine salts (see Scopolamine).
Hyoscyamine, bots. oz.15.75 -16.00
Hydrobromide, bots. lb.16.50 -18.00
Sulphate, bots. oz.13.50 -14.00
Hypernic extract, cryst., No. 1, bbls., l.c.l lb. .56 • —
No. 2, bbls., l.c.l. lb. .48 • —
liquid, No. 1, bbls., l.c.l. lb. .30 • —
No. 2, bbls., l.c.l. lb. .25 • —
solid, No. 1, bxs., l.c.l. lb. .44 • —
Hyssop herb, bgs. lb. .35 • .45
Leaves, bgs. lb. .45 • .50

I

Iceland moss, bgs. lb. .35 • .40
Ichthammol, F, dms. lb. .60 • .75
Indian red (see Red, Indian).
Indigo, nat., chests lb. 2.14 • 2.16
synth., paste, bots. lb. .23 • —
powd., bbls lb. 1.03 • —
Indol, CP, bots lb.17.00 -19.00
Inositol, dms., dlvd lb. 4.90 • —
tins, dlvd lb. 5.00 • —
Insect flowers (see Pyrethrum)
Iodine, crude, kgs lb. 1.52 • —
resubl., USP., bots., jars lb. 2.30 • 2.41
Iodochlorohydroxyquinolin, NF, dms. lb. 5.90 • —
Iodoform, NF, dms., kgs lb. 4.45 • 4.60
Ionone, alpha, cns. lb. 4.40 • 6.50
beta, cns. lb. 7.05 6.50
Ipecac root, bgs lb. 4.30 • 5.00
powd., bgs. lb. 4.50 • 5.50
Irish moss, bleached, prime, bls. lb. .16 • .18
Iron acetate, liquor, 28° bbls., c.l., works lb. .09 • —
l.c.l., works lb. .09¾- —
solut., USP IX, cbys. lb. .16 • —
djms. lb. .17 • —
Cacodylate, NF, bots. lb.13.50 -14.50
Chloride (ferric), annydr., tech., dms., c.l., works 100 lbs. 5.75 • —
l.c.l., works 100 lbs. 6.50 7.50
cryst., tech., c.l., bbls., works, 100 lbs. 5.00 6.00
l.c.l., bbls., works 100 lbs. 5.50 8.00
USP, dms., works lb. .06¾- .08¼
solut., 42 Be, 100% basis, tanks, works 100 lbs. 3.45 —
Citrate, gran., dms lb. .77 • .80
Gluconate, NF, dms lb. .83 • .95
Glycerophosphate, N.F., powd lb 4.25 4.35
Hypophosphite, NF, dms lb 2.80 —
Iodide, bots lb. 3.66 3.73
Naphthenate, liq., 6% Fe, dms., frt. alld lb. .21¼ 21¾
Oxalate, gran., dms lb. .83 .85
Phosphate, soluble, NF, gran., cs. lb. .64 .65
Pyrophosphate, soluble, NF VII, gran., dms lb. 69 .72
Reduced (see Iron by hydrogen).
Resinate, 7.4% Fe, dms., frt. alld. lb. .23 • —
Stearate, dms., c.l. lb. .34 • —
ton lots lb. .35 • —
less ton lots lb. .36 • —
Sulphate, partially hydrated, bgs., c.l., works ton.28.50 • —
l.c.l., works ton.29.50 • —
ferrous, tech. (see Copperas).
USP, cryst., bbls., dms lb. .09½- .10
Iron by hydrogen, kgs lb. .80 .85
Iron-ammonium citrate, green, NF, gran., dms lb .55 • .58
brown, USP, gran., dms lb. .55 • .58
Oxalate, dms. lb. .25½- .28½
Iron-potassium oxalate fine gran., dms. lb. .30½- .33½
Iron-sodium oxalate, fine gran., dms lb. .25½ .28½
Isoborneol, cns. lb. .84 .95
Isobornyl acetate, cns lb. .97 1.10
Thiocyanoacetate, dms., c.l., works, gal. 3.85 —
l.c.l., works gal. 3.85 4.05
tanks, works gal. 4.23 —
Isobutyl acetate, cns lb. .82 1.25
Methacrylate, dms., works lb. .60 —
Propionate, cns lb. No prices.
Isobutyraldehyde, dms., works lb. .50 .53
Isoeugenol, cns. lb. 3.10 3.40
Isoleucine, dextro-laevo, with al loisoleucine, dms., works lb.25.00 -35.00
Isopentane, dms., works lb. .45 .55
Isophorone, dms., c.l., works lb. .22½- —
l.c.l., works lb. .23 • —
tanks, works lb. .21 • —
Isopropanol (see Alcohol, isopropyl)
Isopropyl acetate, dms., c.l., frt. alld. lb. .10½- —
l.c.l., same basis lb. .11 • .11¼
tanks, same basis lb. .09 • —
Alcohol (see Alcohol, isopropyl).
Benzene (see Cumene).
Ether (see Ether, isopropyl)
Isopropylamine, dms., c.l., frt. alld. lb. .24 • —
l.c.l., same basis lb. .25 • —
tanks, same basis lb. .22½- —
Isoquinoline, dms., c.l., works lb. .20 • —
l.c.l., works lb. .40 • —

J

Jaborandi leaves, bls. lb. .15 • .20
Jalap root, NF, bls lb. .43 • .45
powd., bbls., bxs lb. .48 • .50
Resin, NF, powd., bxs lb. 6.20 • 6.60
Juniper berries, bgs lb. .68 .18
Tar, USP, dms lb. .40 • .65

K

Kamala, powd., cns lb. .45 • .50
Kaolin (see China clay).
Kava kava root, bls lb 25 .30
Kerosene, at refinery, Ark., 42-44 specific gravity, w.w., tanks gal. .08625- —
Bayonne, 41-43 s.g., w.w., tanks gal. .089 • —
California, 40-43 s.g., w.w., tanks gal. .126 • .156
Gulf ports, 41-43 s.g., w.w., tanks. gal. .086 • .0925
Okla.-Tex., 41-43, s.g., w.w., tanks gal. .083 • .09
Penn., Western, 45 s.g., w.w., tanks gal. .095 • .10
Kola nuts, bgs lb .08 .10
Kyanite, imp., low iron content, 10-mesh, whse ton.85.00 -95.00
calcined, grain, 10-mesh, whse ton.95.00 -105.00

L

Lady slipper root, bls lb 1.50 1.75
Lanolin, anhyd., cosmetic, dms., works lb. .30 • .32
pharmaceutical, USP, dms., works lb. .28 • .31
hydrous lb. .27 • .29
Lard, cash, tres., Chicago lb. .1120- —
Larkspur seed, bgs lb. .30 • .35
Laurel berries, bls lb .25 .26
Leaves, Greek, bls lb. .08 • .08½
Turkish, bls. lb. .11½- .11¾
Yugoslavian, bls lb. .10 • .10½
Lauryl methacrylate, normal, dms., less than truckload, works lb. 1.00 • —
Lavender flowers, medium, bls lb 55 60
ordinary, bls. lb. .16 • .20
select, bls lb 60 65
Lead acetate, white, crystals, bbls. lb 19 —
gran., bbls. lb. .19¾- —
powd., bbls. lb. .19¾- —
USP, cryst., dms lb. .20 • —
gran., powd., dms lb. .20¾- —
Arsenate, dealers, basic powder, 3-lb. bgs., or larger, c.l., frt. alld. on 96 lbs. or over lb. .25 • .27
l.c.l., frt. alld lb. .26 • —
1-lb. bgs., c.l., frt. alld lb. .33 • .38
l.c.l., frt. alld lb. .34 • .39
Lead arsenate prices are works or whse. basis frt. alld. on purchases totaling $75.00 or more to dest. East.
Blue basic sulphate, bbls., c.l., ship't point, frt. alld lb. .12½- —
l.c.l., works lb. .13½- —
Carbonate (see Lead, white).
Chloride, dms lb. .39 • —
Lead iodide, NF V, jars lb. 3.30 • —
Linoleate, liq., 13% Pb, dms., frt. alld lb. .29¼- —
Metal, pigs, prime, N. Y. lb. .11 • —
St. Louis lb. .1080- —
Metallic paste, dms., 20,000 40,000 lbs., works lb. .27 • —
10,000-20,000 lbs., same basis lb. .27½- —
2,000-10,000 lbs., same basis lb. .28 • —
100 to 2,000 lbs., same basis lb. .28½- —
Prices ex whse, Jersey City, N. J., 4½c. per pound ngher
Naphthenate, liquid, 16% pb, dms., dlvd lb. .14¾- —
24% Pb, dms., dlvd lb. .19¾- —
37% Pb, dms., dlvd lb. .26 • —
Nitrate, bbls., c.l. lb. .19 • —
l.c.l. lb. .19¼- —
Oleate, fused, bbls lb. .24 • —
Orthosilicate gel, 50% PbO, dms., works lb. .29½- —
60% PbO, dms., works lb. .28 • —
Peroxide, powd., tech., bbls lb. .36 • .39
Phthalate, dibasic, dms., works lb. .37½- —
Red, 95%, Pb_3O_4, or less, bbls., c.l., ship't point, frt. alld. lb. .13¾- —
l.c.l., same basis lb. .14¾- —
97%, Pb_3O_4, bbls., c.l., same basis lb. .14 • —
l.c.l., same basis lb. .15 • —
98%, Pb_3O_4, bbls., c.l., same basis lb. .14¼- —
l.c.l., same basis lb. .15¼- —
Resinate, precip., dms., dlvd lb. 25 —
Salicylate, normal, dms., works. lb. .41¾- —
Silicate, bgs., l.c.l., ship't pt., frt. alld lb. .14¾- —
Stearate, dibasic, dms., works lb. .50¼- —
precip., bbls., c.l. lb. .36 • —
ton lots lb. .37 • —
less ton lots lb. .38 • —
Sulphate (see Lead, blue; Lead, white, basic sulphate)
tribasic, dms., works lb. .24¼- —
Tallate, liquid, 16% Pb, dms. lb. .12½- —
solid, 30% Pb, dms lb. .19¼- —
White, basic carbonate, bgs., c.l., ship't point, frt. alld lb. .14 • —
l.c.l., same basis lb. .15 • —
basic silicate, bgs., c.l., ship't point, frt. alld lb. .13¼- .15½
l.c.l., same basis lb. .14¼- .16½
basic sulphate, bgs., c.l., ship't point, frt. alld lb. .12½- —
l.c.l., same basis lb. .13½- —
Lecithin, edible, tech., bleached dms., non-ret., c.l., works lb. .16 • —
l.c.l., same basis lb. .18½- —
unbleached, c.l., same basis lb. .15 • —
l.c.l., same basis lb. .17½- —
Lemon peel, bls lb. .20 • .25
Leucine, dextro-laevo, dms., works lb.28.00 -35.00
Licorice extract, mass, cns lb. .40 .45
powd., bbls. lb. .55 —
Root, bls lb. .08 .09
5-lb. bundles, cs lb. .40 .45
powd., bbls lb .11 .12
Lignin extract, tanning grade, bgs., c.l., works lb. .05¼- .06¾
Lime, agricultural, bgs., works ton.13.00 -13.50
Chemical (quicklime), lump, pebble, bulk, Adams, Mass. ton 10.00 • —
Annville, Pa. ton.10.50 • —
Bellefonte, Pa. ton.10.50 • —
Buffalo, N. Y. ton.10.00 • —
Carey, Ohio ton. 7.00 • —
Cedar Hallow, Pa ton.10.50 • —
Farnams, Mass. ton 14.00 • —
Gibsonburg, Ohio ton. 8.50 • —
Hannibal, Mo. ton. 7.50 • —
Keystone, Ala ton. 9.75 • —
Knoxville, Tenn. ton. 9.75 • —
Limedale, Ark. ton. 9.00 • —
Longview, Ala. ton. 9.75 • —
Martinsburg, W. Va ton.10.00 • —
Menominee, Mich ton. 8.00 • —
Mitchell, Ind ton. 7.50 • —
Rockland, Maine ton. 9.00 • —
Scioto, Ohio ton. 7.50 • —
Sherwood, Tenn ton.10.00 • —
Sherwood, Wis. ton. 8.50 • —
Woodville, Ohio ton. 9.50 • —
York, Pa ton.10.50 • —
Hydrated, paper bgs., Adams, Mass ton.11.50 • —
Annville, Pa ton.13.50 • —
Bellefonte, Pa. ton.13.50 • —
Buffalo, N. Y. ton.13.50 • —
Carey, Ohio ton. 9.00 • —
Cedar Hollow, Pa ton.13.50 • —
Engle, W. Va. ton.13.00 • —
Farnams, Mass ton.14.00 • —
Gibsonburg, Ohio ton. 9.50 • —
Hannibal, Mo. ton. 9.50 • —
Keystone, Ala ton.13.00 • —
Knoxville, Tenn. ton.12.25 • —
Limedale, Ark ton.10.50 • —
Longview, Ala ton.13.00 • —
Manistique, Mich ton. 9.50 • —
Marblehead, Ohio. ton.10.50 • —
Mitchell, Ind. ton.10.00 • —
Petoskey, Mich ton 10.00 • —
Port Island, Mich ton. 9.00 • —
Rapid City, S. Dak. ton.12.00 • —
Rockland, Maine ton 9.00 • —
Scioto, Ohio ton. 9.00 • —
Sherwood, Tenn ton.13.00 • —
Sherwood, Wis. ton.10.00 • —
Springfield, Mo. ton. 9.00 • —
Woodyville, Ohio ton. 8.50 • —
York, Pa ton.13.50 • —
Spray, paper bgs., Adams, Mass. ton.11.70 • —
Annville, Pa ton.13.50 • —
Bellefonte, Pa ton.13.50 • —
Carey Ohio ton.11.00 • —
Engle, W Va ton.13.00 • —
Farnams, Mass ton.14.00 • —
Gibsonburg, Ohio ton.10.00 • —
Marblehead, Ohio ton.10.00 • —
Rockland, Me. ton.10.00 • —
Scioto, Ohio ton.10.00 • —
Woodville, Ohio ton.10.00 • —
York, Pa ton.13.50 • —
Lime salts (see Calcium).
Lime-ammonia-nitrogen, 20.5% N (see Ammonium nitrate-limestone).
Limestone, grd., bgs., works ton. 3.50 4.00
Linalool, ex bois de rose lb. 4.75 • 5.15
ex lignaloe wood lb 6.50 7.00
Linalyl acetate, 90-92%, bots lb. 5.20 • 5.25
96-98%, bots. lb. 6.05 • —
ex petitgrain bots lb 4.25 6.00
Lindane, 25%, cns., works lb. 3.00 3.05
dms., works. lb 2.95 —
Linden flowers with leaves, bls lb. 22 25
without leaves, bls lb 22 28
Linseed meal, expeller, 34% bulk, Midwest mills ton.68.00 -68.50
extracted, 34%, same basis ton.64.00 -65.00
Litharge, com'l, powd., bbls., c.l., ship't point, frt. alld. lb. .12½- —
l.c.l., same basis lb. .13½- —
Lithium benzoate, dms lb 1.65 —
Bromide, NF, bbls., works, frt. equald lb. 1.90 —
Carbonate, NF, bbls., kgs lb. 1.10 1.15
Chloride, cryst., dms lb. .93 —
Citrate, NF, bbls., dms., kgs lb. 1.25 1.40
Fluoride, bbls lb. 1.80 2.00
Hydride, dms., works lb.14.00 -18.50
Hydroxide, dms lb. 1.00 1.25
Salicylate, dms. lb. 1.62 1.70
Lithopone, ordinary, bgs., c.l., dlvd. lb. .06¼- —
l.c.l., dlvd lb. .06⅝- .07⅛
Titanated (high-strength), bgs., c.l., dlvd. lb. .06¼- —
l.c.l., dlvd lb. .09¼- —
Lithopone prices, Pacific Coast, 1c. per lb. higher.
Liverwort leaves, bls. lb. .75 .80
Lobelia herb, bls lb. .85 • .90
leaves, NF lb. .90 • .95
Lobeline sulphate, bots., works oz.34.00 -38.00
Logwood extract, crystals, No. 1, bbls., l.c.l. lb. .38½- —
No. 2, bbls., l.c.l. lb. .36½- —
liquid, No. 1, bbls., l.c.l. lb. .18½- —
No. 2, bbls., l.c.l. lb. .17½- —
No. 3, bbls., l.c.l. lb. .17 • —
No. 4, bbls., l.c.l. lb. .16½- —
solid, No. 1, bxs., l.c.l. lb. .33 • —
No. 2, bxs., l.c.l. lb. .31 • —
No. 3, bxs., l.c.l. lb. .28½- —
No. 4, bxs., l.c.l. lb. .28 • —
No. 5, bxs., l.c.l. lb. .26½- —
No. 6, bxs., l.c.l. lb .44½- .49½
Lovage root, ump., bls. lb. 1.00 1.10
Lupulin, tins lb 1.95 2.00
Lycopodium, cs. lb. 1.30 • 1.50
Lysine hydrochloride, dextro-laevo. kilo.145.00 -149.00

M

Mace, Amboyna, bls. lb. .73 .74
Banda, No. 1, bls lb 1.05 Nom.
Siauw, No. 1, bbls lb. .86 • .87
West Indian, bls lb. .78 • .79
broken, bls lb. .75 • .76
Madder, Dutch, bgs lb. .29 .32
Magnesia, calcined, tech., cns., works lb. .32 —
synth. rubber grade, cns., works lb. .29 • .31
USP, light cns lb. .34 • —
heavy, bbls lb. .36 • —
Magnesium arsenate, bgs., cans, works lb. .20 • .30
Bromide, jars lb. .90 1.00
Carbonate, tech., bgs., c.t., frt. equald lb. .09 • —
l.c.l., frt. alld. lb. .10 • —
bbls., c.l., frt. equald lb. .10¼- —
l.c.l., frt. alld. lb. .11¼- —
kgs., c.l., frt. equald lb .11½- —
l.c.l., frt. alld. lb. .12½- —
USP, bgs., l.c.l., frt. equald lb. .10¾- —
l.c.l., frt. alld. lb .11¼- —
bbls., c.l., frt. equald lb. .11¼- —
l.c.l., frt. alld. lb .12¼- —
kgs., c.l., frt. equald lb. .12½- —
l.c.l., frt. alld lb 13½- —
Magnesium carbonate is quoted frt. alld. to N. J. except to Atlantic, Burlington, Cape May, Cumberland, Glostershire, Ocean and Salem counties, and to Phila. county, Pa. Frt. equald. with N. Y. C. on all other destinations.
Chloride, anhyd., dms., works lb. .12¼- —
flake, bbls. c.l., works ton.40.00 —
l.c.l., works ton.44.00 -46.00
Gluconate, dms., cns lb. 1.88 • 1.93
Glycerophosphate, dms., works lb. 4.85 4.95
Hydroxide, NF, medicinal, bbls., dms., kgs lb. .29 • .30
Hypophosphite, dms. lb. 1.60 —
Laurate, bbls. lb. .46 .47
Metal, 99.8% ingots, cs., works lb. .20½- —
sticks, cs., works lb. .34 • .38
Oleate, fused, bbls lb. .31 • —
Oxide (see Magnesia, calcined).
Peroxide, 15%, dms., works lb 1.00 • 1.05
Phosphate, tribasic, NF, bbls. lb. .75 • —
Silicate (see Talc).
Silicofluoride, bbls., works lb. .09 • .10
Stearate, cns., c.l. lb. .35 • —
smaller lots lb. .36 • .37
Sulphate (see Epsom salt).
Trisilicate, USP, dms., 1,000-lb. lots lb. 43 • —
100-lb. lots lb. .50 • —
Magnesite, chemical grade, bgs., c.l., mines, Calif ton.67.50 • —
dead-burnt, bulk, c.l., standard gram., Chewalah, Wash ton.33.00 • —
Maleic anhydride, dms., c.l., dlvd., lb. .30 • —
l.c.l., dlvd. lb. .31 • —
Prices on maleic anhydride West of Rockies 1½c. higher.
Malva flowers, black, bls. lb. 1.00 • 1.25
Blue, bls. lb. .93 • 1.10
Leaves, bls. lb. .30 • .35
Manaca root, bls lb. .49 • .50
Mandrake root, bls lb. .40 • .45
Manganese acetate, bbls. lb. .32 • —
Arsenate, bgs lb. .12 • .12½
Borate, tech., bbls lb .23 • —
Carbonate, bbls., works lb. .21 • —
Chloride, anhyd., dms., works lb. .20 • .22
Dioxide, African, battery, 84-87%, bgs., 100 tons, works ton.78.00 • —
smaller lots, works ton.74.00 -94.00
Gluconate, dms., cns lb. 1.86 • 1.93
Glycerophosphate, NF, fib. dms lb. 4.15 4.25
Hydrate, bbls., works lb. .34 • —
Hypophosphite, NF, dms lb. 2.00 —
Linoleate, liquid, 4.35% Mn, dms. lb. .39¼- —
solid, precip., 8.2% Mn, bbls., lb. .41½- —
Metal, cs., dlvd. East lb. .30 • .32
Naphthenate, liquid, 6% Mn, dms., frt. and lb. .22¾ .23¼
Oleate, precip, bbls lb. 33½- —
Resinate, fused, 3½% Mn, dms. precip., dms lb. 21½- —
Stearate, cns., c.l lb. .35 • —
smaller lots lb. 36 • .37
Sulphate, fertilizer grade, 65%, bgs., c.l., dlvd. S. E. ton.63.00 • —
l.c.l., dlvd. S. E. ton.70.00 • —
feed grade, 80%, bgs., dlvd. S. E. lb 05¼- .07
75%, bgs., c.l., dlvd. S. E. ton.72.50 • —
l.c.l., dlvd. S E. ton.79.50 • —
Tallate, liquid, 4% Mn, dms lb. No prices.
solid, 8% Mn, dms lb. No prices.
Mangrove bark, E. Africa, 38% tannin, c.l., ex dock ton. No stocks
So. American, 30-32% tannin, c.l., ex dock ton.62.00 -63.00
Manna, flake, large, cs lb. 1.10 • 1.35
small, cs lb. .85 • 1.00
Mannitol, com'l, dms., works lb .40 .43
reagent, 50-lb. dms., works lb. .85 —
Marjoram, Argentine, bls lb. .14 Nom.
Bohemian, bls lb. .47 • .47½
Chilean, bls lb. .50 Nom.
French, bls. lb. .55 • .58
Matico leaves, bls lb. .25 • .33
Melamine, bgs., ton lots, works lb. .33 • —
700 lbs. or more, works lb. .33½- —
less 500 lbs., works lb. .38½- —
Menadione, USP, bots gram. .06½- —
Menthol, natural, USP, bots lb.10.30 -10.40
synthetic, USP, racemic, cns lb. 7.25 Nom.
Methyl salicylate, tins lb. 4.00 4.25
Mercaptobenzo thiazole, 50-lb. bgs., 150-lb. containers, ton lots, works, frt. alld., ton lots lb. .27 • —
less ton lots, same basis lb .29 • —
Mercury, ammoniated (see White precipitate).
Bichloride (see Corrosive sublimate).
Bisulphate, dms. lb. 2.13 • 2.15
Chloride (see Calomel).
Cyanide, NF, cryst., powd., fib. dms lb. 3.27 • 3.33

Mercury iodide, red, NF, dms.....lb. 4.07 - —
Yellow, NF, fib. dms.....lb. 4.22 - —
Metal (see Quicksilver).
Oxide, red, NF (see Red precipitate).
yellow, tech. (see Yellow, mercury oxide).
USP, fib. dms. .....lb. 2.44 - 2.46
Mesityl oxide, dms., c.l., dlvd....lb. .13 - —
l.c.l., dlvd .....lb. .13½- —
tanks, dlvd .....lb. .11½- —
Metaldehyde, dms., works.....lb. .78 - 1.00
Metachloranilin, dms., works ... lb. .75 - —
Metacresol, 98%, dms., c.l., works.lb. .55 - —
l.c.l., works.....lb. .56 - —
Metaparaisopropyliphenol, dms., c.l.. lb. .21 - —
l.c.l .....lb. .22 - —
tanks .....lb. .20 - —
Metanitroparatoluidin, bbls.....lb. 1.28 - —
Metaphenylenediamine, kgs.....lb. .76 - —
Metatoluidine, bbls.. works .....lb. .80 - —
Metatolylenediamine, kgs .....lb. .85 - —
Methanol, natural dms., c.l., frt. alld gal. .53 - —
l.c.l., frt. alld .....gal. .61 - —
tanks, frt. alld .....gal. .50 - —
Prices on natural methanol W. of Miss. 3c. higher.
synthetic, zone 1, dms., c.l., frt. alld gal. .38 - —
l.c.l., frt. alld.....gal. .41 - —
tanks, frt. alld.....gal. .26 - —
zone 2, dms., c.l., frt. alld gal. .43½- .45
l.c.l., ex whse.....gal. .47½- —
tanks, frt. alld.....gal. .29½- .31
Synthetic methanol zones are: Zone 1 is all continental U. S., E. of eastern boundaries of Ariz., Idaho, Mont., and Utah. Zone 2 is remainder of the U. S., west of above state boundaries, comprising Ariz., Calif., Idaho, Mont., Nev., Ore., Utah and Wash.
Methenamine (see Hexamethylenetetramine).
Methionine, dextro-laevo, fib. dms., frt. alld., 50-lb. or more lb. 4.55 - —
feed grade .....lb. 3.00 - —
Methoxychlor, dealers, dms., cs., works lb. .65 - —
Methyl abietate, non-ret. dms., c.l., dlvd., zone 1 lb. .17 - —
l.c.l., same basis lb. .17½- —
hydrogenated, non-ret. dms., c.l., dlvd., zone 1 lb. .17¼- —
l.c.l., same basis lb. .17¾- —
Zone 1 includes New England and Middle Atlantic states, Va., W. Va., N. C., Ohio, Ky., Mich., Ind., Ill., Wis., St. Paul and Minneapolis, Minn., St. Louis, Mo., Miss., Ala., Ga., Fla., S. C. and Tenn.
Acetoacetate, dms., c.l., dlvd..lb. .53 - —
l.c.l., dlvd.....lb. .54 - —
tanks, dlvd.....lb. .51½- —
Methyl acetoacetate prices frt. alld. W., ½c higher
Acetone, natural, group A, dms., extra, c.l., E. of Miss., frt. alld..gal. .60 - —
l.c.l., same basis.....gal. .71 - —
Natural methyl acetone group A prices W of Miss. 3c. per gal. higher.
Group B, dms., incl., E. Miss., frt. alld., any quantity gal. .50 - —
synthetic, dms., c.l., works, frt. alld. E gal. .53 - —
frt. alld. W..... gal. .57 - —
l.c.l., works, frt. alld. E gal. .56½- —
frt. alld. W..... gal. .60½- —
tanks, works, frt. alld. E gal. .43½- —
frt. alld. W ..... gal. .47 - —
Methyl acetone, synth., East territory is all States East of and including Colo., Mont., N. Mex. and Wyo. West territory, all States West of those four.
Acrylate, dms., c.l., and truckload, works..lb. .50 - —
less than truckload, works..lb. .50½- —
Alcohol (see Methanol).
Anthranilate, 100 lbs. or more..lb. 2.10 - 2.90
extra .....lb. 4.00 - 4.40
Benzoate, cns.....lb. .55 - 1.20
Bromide, dealers, cns.....lb. .69 - .71
cyls. .....lb. .60 - .78
Chloride, indust., cyl., works..lb. .17 - —
tanks, multi-unit, works...lb. .13 - —
single-unit works....lb. .10½- —
refrigerator mfrs., cyls., dlvd. lb. .37 - —
other consumers or service men, cyls., dlvd lb. .42 - —
Cinnamate, cns.....lb. 1.48 - 1.65
Formate, refd., dms.....lb. .35 - .40
tech., non-ret. dms., any quantity, works..lb. .06 - —
tanks, works .....lb. .07 - —
Iodide, bots., works.....lb. 3.65 - 4.75
cbys., works .....lb. 2.80 - 3.00
Lactate, dms., l.c.l., works ...lb. .35 - —
Methacrylate, dms., c.l. and truckload, works..lb. .44½- —
less than truckload, works..lb. .45 - —
Parahydroxybenzoate, USP, bots. lb. 2.10 - 2.20
fib. dms .....lb. 1.90 - 2.00
Roseanilin chloride, USP, bot. lb. 5.15 - 5.30
Salicylate, USP, dms., 500 lbs..lb. .42 - —
cans, 25-50 lbs.....lb. .47 - —
Testosterone, USP, 100 gms...gm. 3.50 - —
Methylheptin carbonate, bots....lb.35.00 - 38.00
Methylal, refined, 95%, dms., c.l., works..lb. .11 - —
l.c.l., works .....lb. .12 - —
tanks, works .....lb. .09 - —
Methylamyl acetate, dms., c.l., dlvd. lb. .13 - —
l.c.l., dlvd.....lb. .13½- —
tanks, dlvd.....lb. .11½- —
Ketone, dms., works.....lb. .95 - —
Methylcellulose, special vis., (4,000 cps.), fib. ctns., c.l., frt. alld. .....lb. .68 - —
2,000 lbs. and more, same basis lb. .70 - —
smaller lots, frt. alld. on 100 lbs. lb. .75 - .80
standard vis., (15-1,500 cps., fib. ctns., c.l., frt. alld .lb. .62 - —
2,000 lbs. and more, same basis lb. .63 - —
smaller lots, frt. alld. on 100 lbs. lb. .68 - .73
Methylene blue, USP, 100-lb. lots, kgs., frt. adjusted..lb. 2.87 - —
smaller lots, kgs., same basis. lb. 3.02 - 3.22
Chloride, indust., dms., c.l., dlvd. E lb. .12½- —
l.c.l., dlvd. E.....lb. .13½- —
tanks, dlvd. E.....lb. .11½- —
Methylethyl ketone, dms., c.l., dlvd. lb. .10½- —
l.c.l., dlvd.....lb. .11 - —
tanks, dlvd.....lb. .09 - —
Methylionone, A, cns.....lb. 6.55 - 8.80
D, cns .....lb. 7.50 - 9.55
prime, cns .....lb. 4.55 - 6.40
Methylisobutyl carbinol (see Carbinol, methylisobutyl).
Ketone, dms., c.l., dlvd.....lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .11 - —
Methylnaphthyl ketone, cns.....lb. 3.00 - 3.75
Methylparaben (see Methylparahydroxybenzoate).
Methylpentanediol (see Hexyleneglycol)
Methylphenylpyrazolone, dms., dlvd. lb. 1.40 - 1.45
Methylthionine chloride (see Methylene blue).
Mica, dry-grd., paint, plastic, 100 mesh, bgs., c.l., works..lb. .03½- —
roofing, 20 to 80 mesh, works.lb. .03⅝- —
wet-grd., biotite, bgs., c.l., works, frt. alld., E .lb. .05¾- —
l.c.l., ex whse., or frt. alld. E .lb. .06½- —
extra fine, bgs., c.l., works, frt. alld., E .lb. .05¾- —
l.c.l., ex whse. or frt. alld. E .lb. .06½- —
paint or lacq., bgs., c.l., works, frt. alld., E .lb. .07¼- —
l.c.l., ex whse. or frt. alld. E .lb. .08 - —
rubber, bgs., c.l., works, frt. alld. E .lb. .07 - —
l.c.l., ex whse or frt. alld. E .lb. .07¾- —
wallpaper, bgs., c.l., works, frt. alld. E .lb. .07¼- —
l.c.l., ex whse. or frt. alld. E .lb. .08 - —
white, extra fine, bgs., c.l., works, frt. alld. E .lb. .07¼- —
l.c.l., ex whse or frt. alld. E .lb. .08 - —
Mica, wet-grd., W. of Miss. R., ½c. higher, W of Rockies, 1c. higher
Milk powder, skimmed, roller, bbls., c.l .lb. .10½- .10⅝
spray, bbls., c.l .....lb. .12¼- .12¾
Whole, roller, bbls., c.l .....lb. .28 - .33
spray, bbls., c.l. .....lb. .28½- .35½
Sugar, crude, bgs., c.l., works lb. .16½- —
edible, bbls., works, 30,000-lb. lots .lb. .22 - —
2,000-lb. lots .....lb. .22¾- —
200-1,800-lb. lots .....lb. .23¼- —
USP, bbls., works, 30,000-lb. lots. lb. .26 - —
2,000-lb. lots .....lb. .26¾- —
200-1,800-lb. lots.....lb. .27¼- —
Molasses, blackstrap, tanks....gal. .08 - —
New Orleans, tanks.....gal. .07 - —
Molybdate orange (see Orange molybdate).
Mineral spirits (see Petroleum, mineral spirits).
Molybdenum metal, 99% Mo., powd., kgs. lb. 2.60 - 3.00
pure, kgs., works, basis Mo. content lb. .95 - —
technical, kgs., works, basis Mo. content lb. .80 - —
Monochlorobenzene, dms., c.l., works, frt. alld lb. .07 .08
l.c.l., works, frt. equald.....lb. .08 - .09
tanks, works, frt equald .....lb. .06 .06½
Monoethanolamine, dms., c.l., frt. alld. E lb. .27 - —
l.c.l., same basis .....lb. .28 - —
tanks, same basis .....lb. .23½- —
Monoethylamine dms., c.l., frt. alld. basis 100% .lb. .21½- —
l.c.l., same basis.....lb. .22½- —
tanks, same basis .....lb. .20 - —
Monomethylamine, 25%-40%, dms., c.l., works, basis 100%. lb. .35 - —
l.c.l., same basis.....lb. .35½- .36
tanks, same basis .....lb. .31 - —
Monomethylanilin, dms., works lb. .70 - —
Monononylnaphthalene, dms., c.l., works lb. .14 - —
l.c.l., works .....lb. .15 - —
tanks, works .....lb. .13 - —
Monosodium fluoroacetate (see Sodium fluoroacetate monobasic).
Monosodium glutamate (see Sodium glutamate, monobasic).
Phosphate (see Sodium phosphate, monobasic)
Monotertiarybutylmetacresol, dms., c.l., works lb. .50 - —
l.c.l., works.....lb. .51 - —
tanks, works .....lb. .49 - —
Morphine, cns. .....oz.12.35 - 12.40
Acetate, cns. .....oz. 9.85 - 9.90
Hydrobromide, cns. .....oz. 9.80 - —
Hydrochloride, NF, cns.....oz. 9.90 - —
Sulphate, USP, cns .....oz. 9.90 - —
Morpholine, dms., c.l., works....lb. .60½- —
l.c.l., works .....lb. .61 - —
tanks, works .....lb. .59 - —
Mountain ash berries, bgs.....lb. .65 - .75
Mullein flowers, cs.....lb. 1.15 - 1.20
Leaves, bls. .....lb. .16 - .18
Musk, nat., Tonquin, grains, bots. oz.25.00 - 30.00
synthetic—Ambrette, 100 lbs...lb. 5.40 - —
25 lbs. .....lb. 5.50 - —
5 lbs .....lb. 5.65 - —
Ketone, 100 lbs.....lb 4.95 - —
25 lbs. .....lb 5.05 - —
5 lbs .....lb 5.20 - —
Xylol, 100 lbs .....lb. 1.40 - —
25 lbs.....lb. 1.45 - —
5 lbs .....lb. 1.55 - —
Musk root, bls .....lb No prices
Mustard seed, Calif., brown, f.o.b. source lb. .07¼- .07⅛
Danish, bgs., futures.....lb. .10½- .11
Dutch, yellow, bgs., futures..lb. .11 - .11⅛
English, yellow, bgs .....lb. .11½- .12
Montana, brown, Sept.-Oct., bgs., source lb. .05 - .05⅛
Oriental, Sept.-Oct., bgs., source lb. .05 - .05¼
yellow, Sept.-Oct., bgs. source lb. .08½- .09
Washington, yellow, source, bgs. lb. .11 - .11⅛
Myrobalans, J1, assorted, ex dock. ton.52.00 - —
crushed, ex dock.....ton.76.50 - —
J2, ex dock.....ton.42.00 - —

"Now coach . . . NOW?"

The boy's got lots of spirit. But the coach is cautious — he's not *sure* yet just what the kid can do. So he'll let him work out with the junior varsity for a while longer — 'til he's certain the boy is really "ready." *Then* he'll work him into the line-up.

You'll find U.S.I. using that kind of caution, too, in evaluating any new product. When they add something new to the U.S.I. line, you can be *sure* that it has been carefully and thoroughly tested . . . that it's really ready to meet or exceed the most rigid specifications. *Only then* is it allowed to bear the U.S.I. trade-mark.

You can place your confidence in the *proven quality* of U.S.I. resins . . . alcohols . . . solvents . . . chemicals — in *all* of U.S.I.'s diverse line of products for the nation's industry. And courteous, dependable U.S.I. service is just as near as your phone.

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60 East 42nd Street, New York 17, N. Y.
BRANCHES IN ALL PRINCIPAL CITIES

Naphthalene—Oil, Lignaloe

N

Naphtha, painters (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, dom., crude, 74° bgs., bbls., frt. equald. lb. .07 - —
tanks, same basis..... lb. .0425- —
78°, bgs., c.l., works, frt. equald. lb. .0535- —
l.c.l., same basis..... lb. .0560- —
bbls., c.l., same basis.... lb. .0535- —
l.c.l., same basis..... lb. .0560- —
dms., c.l., same basis.... lb. .0650- —
l.c.l., same basis..... lb. .07 - —
tanks, same basis..... lb. .0475- —
refined, industrial, bbls., c.l., frt. equald. lb. .09 - —
bgs., c.l., same basis..... lb. .08½- —
tanks, same basis..... lb. .08 - —
balls, flakes, wholesalers, jobbers, bbls., c.l., same basis. lb. .11 - —
cs., 50 lbs., c.l., same basis. lb. .11¼- —
1-lb. pkgs., c.l., same basis. lb. .14 - —
imported, crude, 78°, 100-ton lots lb. .03¼- —
refined, 30,000-lb. lots..... lb. .09¼- —
smaller lots ..... lb. .09¼- .10½
Neocinchophen, USP, dms., frt. adjusted. lb. 7.00 - 7.35
Nepheline syenite, glass, 24 mesh, bulk, Rochester, N. Y. ton.14.25 - —
pottery, 200 mesh, bulk, Rochester, N. Y. ton.18.25 - —
Nepheline syenite in bgs., $3 per ton higher than bulk.
Nerolin, cns..... lb. 2.00 - 2.25
Niacin (see Acid, nicotinic).
Niacinamide (see Nicotinamide).
Nickel acetate, bbls., dlvd..... lb. .50 - —
Carbonate, bbls., dlvd..... lb. .48 - .50
Chloride, bbls., dlvd..... lb. .23 - —
Cyanide, bots., dms..... lb. 1.75 - 2.00
Formate, bbls., ton lots, dlvd. lb. .43½- —
Metal, electro cathodes, cs..... lb. .40 - —
Nitrate, bbls., works..... lb. .24½- .25½
Oxide, black, bbls..... lb. .42 - —
Sulphate, bgs., c.l., dlvd..... lb. .18 - —
l.c.l., dlvd..... lb. .18½- —
Nicotinamide, USP, dms., frt. adjusted. kilo.11.00 -11.30
Hydrochloride, dms., frt. adjusted. kilo.10.50 -10.80
Nicotine sulphate, 40%, 50-lb. dms., dealers, frt. alld. over 70 lbs., dm.49.40 - —
tins, 10 lbs., dealers, frt. alld. on cases of 6. tin.10.45 - —
Nikethamide, bots., cbys..... lb. 5.50 - 6.60
Nitercake, bulk, works..... ton. No stocks.
Nitrobenzene, cbl. dist., dms., c.l. lb. .09 - .09¼
l.c.l. ..... lb. .10 - .11
tanks ..... lb. .08 - .08½
Nitrocellulose, ester soluble, 30-35 cps., ¼, ½, ¾, 5-6, 15-20, 30-40, 60-80 and 125-175 secs., bbls., c.l., works, dry weight. lb. .28 - —
l.c.l., same basis..... lb. .29 - .31
18-25 cps., 250-400 sec., and 600-1,000 secs., bbls., c.l., same basis. lb. .30 - —
l.c.l., same basis..... lb. .31 - .33
spirit-soluble, 30-35 cps, ¼, ½, 5-6 and 40-50 secs., bbls., c.l., same basis. lb. .32 - —
l.c.l., same basis... .. lb. .33 - .35
Denatured alcohol used in the manufacture of nitrocellulose is charged extra. Drums extra, but returnable.
Nitroethane, dms., works..... lb. .30 - —
Nitrogen solution, tanks, works., N. tan.120.00 -126.23
Nitrogenous process tankage, bulk, works, ammo., ship't. unit-ton. 3.90 - 4.00
Sewage sludge, bulk, works, unit ton. 3.25 + .40
Nitromethane, dms., l.c.l., works. lb. .30 - —
Nitropropane, 1, dms., works .. lb. .30 - —
2, dms., works ..... lb. .30 - —
Nonylphenol, dms., c.l., works. lb. .26 - —
l.c.l., works ..... lb. .27 - —
tanks, works ..... lb. .25 - —
Nutgalls, Aleppo, bgs..... lb. .43 - —
Chinese, bgs..... lb. .38 - —
Istrian, bgs..... lb. .31 - —
Nutmeg, East Indian, bgs..... lb. .45 - .46
futures, bgs. ..... lb. .45 - .46
West Indian, bgs..... lb. .31½- .32
futures ..... lb. .31 - .31½
Nux vomica, bls. ..... lb. .10 - .12
powdered, bbls., bxs..... lb. .13 - .14

O

Oakbark extract, 25% tannin, bbls., c.l., works lb. No stocks
Octane, 100°-140° C, industrial grade, group 3, dms., c.l gal. .19 - —
l.c.l. ..... gal. .21 - .60
tanks ..... gal. .15½- —
10°C., b.r. Bayonne, N.J., tanks.. gal. .16½- —
Octanol, normal, tech., dms., c.l., dlvd. lb. .34½- —
l.c.l., dlvd..... lb. .36½- —
tanks, dlvd..... lb. .32 - —
Octyl methacrylate, normal, dms., less than truckload, works. lb. .83 - —
Oil, abies siberica, cns..... lb. 2.95 - 3.50
Almond, artificial, bitter, (see Benzaldehyde).
natural, bitter, F.F.A., bots. lb. 3.40 - 3.60
NF, bots..... lb. 3.50 - 3.65
Sweet, dms., cns..... lb. .70 - .95
Amyris, dms..... lb. 1.55 - 1.95
Angelica root, bots..... lb.75.00 -190.00
Seed, bots ..... lb 80.00 100.00
Anilin (see A).
Anise, USP, Chinese, dms.... lb. 1.00 - 1.15
Apricot kernel, USP, dms.... lb. .44 - .60
Avocado, cns., dms..... lb. 1.00 1.10
Babassu, crude, tankcars.... lb. .18¼- —
Bay, NF, Puerto Rican, 50-55%, cns lb. 1.20 1.50
55-80%, cns. ..... lb. 1.20 1.60
West Indian, 50-55%, cns.. lb 1.20 1.60
Bergamot, artif., cns..... lb. 2.00 - 4.25
natural, Italian, cns..... lb. 4.40 - 4.75
Birchtar, crude, cns..... lb. .80 - 1.76
rectified, NF, cns ..... lb. 4.10 - 4.25
Bois de rose, Brazil..... lb. 3.50 - 3.75
Mexican (see Oil, lignaloe wood).
Bone, dms., works..... gal. .65 - .70
Cajeput, tech., dms..... lb. 1.65 - 2.00
redistilled, USP, cns..... lb. 2.20 - 4.50
Calamus, cns ..... lb.20.00 -28.00
Camphor, sassafrassy, dms.... lb. .23 - .50
white, dms. ..... lb .24 - .40
Cananga, native, cns..... lb. 4.15 - 4.50
rectified, cns. ..... lb. 5.00 - 5.50
Capsicum (see Capsicum oleoresin).
Caraway, NF, cns..... lb. 3.25 - 4.00
Cardamom, NF, bots..... lb.50.00 -65.00
Cassia, USP, cns..... lb. 2.10 - 3.00
Castor, blown, dms., c.l..... lb. .21¼- —
dms., l.c.l..... lb. .21¾- —
dehydrated, bodied, dms., c.l lb. .23 - —
l.c.l. ..... lb. .23½- —
tanks ..... lb. .22 - —
unbodied, dms., c.l..... lb. .22 - —
l.c.l. ..... lb. .22½- —
tanks ..... lb. .21 - —
hydrogenated, dms., c.l., works. lb. .27 - —
l.c.l., same basis..... lb. .28 - —
No. 3, tech., dms., c.l..... lb. .18 - —
l.c.l. ..... lb. .18½- —
tanks ..... lb. .17 - —
sulphonated, 50% (48% fat), dms. lb. .12 - .14
75% (60-62% fat), dms..... lb. .15¾- .16¾
tech, No. 1, Brazilian, tanks. lb. .16¼- .16½
USP, standard, dms., c.l..... lb. .19¼- —
l.c.l. ..... lb. .19¾- —
tanks ..... lb. .18¼- —
refined and deodorized, dms., c.l.. lb. .20¾- —
l.c.l. ..... lb. .21¼- —
Cedarleaf, USP, dms..... lb. 1.75 - 2.00
Cedarwood, cns..... lb. .40 - .55
dms. ..... lb. .32 - .50
Celeryseed, bots..... lb.15.00 -18.50
Chaulmoogra, NF, cns., dms.... lb. .55 70
Chinawood (see Oil, tung).
Cinnamon bark, bots..... lb.22.00 -62.00
Leaf, Ceylon..... lb. 1.50 - 1.75
Citronella, Ceylon, cns..... lb. 1.10 - 1.55
Java-type, cns..... lb. 1.70 - 2.10
Clove, USP from buds, cns., dms. lb. 1.60 - 1.70
Coconut, crude, tanks, Atlantic ports. lb. .16 - —
Pac. Coast ..... lb. .14¾- .14⅞
refined, Cochin type, tax incl., dms., l.c.l. lb. .23 - —
deodorized, tax incl., dms., l.c.l. lb. .24½- —
Cod, Newfoundland, dms..... lb. .07½- .08¼
Codliver, USP, dms..... gal. 1.40 - 1.55
Coriander, bots. ..... lb.19.00 -30.00
Corn, crude, tanks, works.... lb. .14¼- —
foots, acid, 95%, tanks, dlvd. E.. lb. .05¾- —
raw, 50%, tanks, dlvd. E. lb. .01½- —
refined, dms., New York.... lb. .19 - .19¼
tanks, same basis..... lb. .17¼- —
Costus, bots. ..... oz.26.50 - —
Cottonseed, crude, tanks, Southeast and Valley. lb. .13¾- .13¾
foots, acid 95%, tanks, dlvd. E. lb. .03¾- .04
raw, 50%, tanks, dlvd. E. lb. .01½- —
refined, dms..... lb. .19½- .19¾
tankcars ..... lb. .17½- —
Creosote (see Creosote, coaltar).
Croton, NF, cns..... lb. 4.75 - 5.50
Crude (see Petroleum, crude).
Cubeb, cns. ..... lb. 7.00 - 7.50
Cumin, bots. ..... lb. 3.75 - 3.90
Cypress, bots. ..... lb.11.00 -15.00
Degras (see D).
Dillseed, bots..... lb 7.00 - 9.50
Dillweed, bots., dms..... lb. 6.00 - 7.10
Dip (see D).
Erigeron, cns ..... lb. 5.00 5.25
Eucalyptus, rectified, USP, 80-90%, cns. lb. .67 - 1.45
70-80%, cns. ..... lb. .55 - 1.30
Fennel, sweet, cns..... lb. 2.50 - 3.25
Fir, Canada, cns..... lb. 2.00 - 2.05
Fishliver, crude, for feeds for concentrating, 6,000 to 12,000 A units, dms..... 1,000,000 units. .10 - .11
15,000 to 20,000 A units, dms. 1,000,000 units. .11 - .12
25,000 to 35,000 A units, dms. 1,000,000 units. .12½- .13½
40,000 to 55,000 A units, dms. 1,000,000 units. .14 - .16
Market prices on crude fishliver oil dependent upon conversion factor.
prime, natural, or concentrate, 100,000 A units, dms. 1,000,000 units. .19 - —
200,000 A units, dms ..... 1,000,000 units. .20 - —
300,000 A units, dms ..... 1,000,000 units. .23 - —
400,000 A units, dms ..... 1,000,000 units. .24 - —
500,000 A units, dms..... 1,000,000 units. .26 - —
Fuel (see Petroleum fuel oil).
Fusel (see F).
Garlic, pure, bots..... oz. 8.00 - 9.00
Gaultheria (see Oil, wintergreen).
Geranium, Algerian, cns..... lb.14.50 -16.25
Bourbon, cns..... lb.17.00 -20.00
Turkish (see Oil, palmarosa).
Ginger, dist., bots..... lb.22.00 -25.00
Grapefruit ..... lb. .65 - 1.25
Grease, No. 1, dms..... lb. .10¾- .11¼
extra, Winter, strained, dms. lb. .12 - .12½
prime, burning, dms..... lb. .13 - .13½
Guaiacwood, cns..... lb. 1.65 - 1.90
Hemlock, cns..... lb. 1.75 - 2.00
Herring, crude, tanks, Pac. coast. lb. No prices.
Juniper berry, NF VIII, bots . lb. 3.00 - 3.10
twice rectified ..... lb. 3.75 - 7.00
Tar, USP (see Juniper tar).
Wood, tech., cns..... lb. .65 - 1.00
Lard (see Oil, grease).
Laurel, bots. ..... lb. 9.75 -12.50
Lavandin, cns. ..... lb. 1.40 - 1.85
Lavender flower, French, 40-42% ester, cns. lb. 3.85 - 4.75
38-42% ester, cns..... lb. 3.15 - 4.10
30-32% ester, cns..... lb. 2.10 - 3.25
Spike, Spanish, cns..... lb. 1.10 - 1.20
Lemon, USP, Calif., cns..... lb. 2.95 - 3.25
Messina ..... lb. 2.95 - 3.25
terpeneless, bots ..... lb.32.00 -65.00
Lemongrass, cns., dms..... lb. 2.05 - 3.00
Lignaloe, Brazilian (see Oil, bois de rose).
Mexican, cns..... lb. 3.35 - 5.20

CHECK THESE 3 CRITICAL POINTS WHEN YOU ORDER castor oil products

QUALITY CONTROL When you order from Baker, 93 years of know how insures top quality... superior because of uncompromising standards and rigidly maintained chemical controls.

AVAILABILITY OF SUPPLY When you order from Baker you can relax. The supply is at hand. You can count on delivery... *on time!*

DEPENDABLE SERVICE When you order from Baker you know your instructions will be followed to the letter—you know that thoroughly competent technical cooperation is at your beck and call.

REFINED CASTOR OILS
PROCESSED CASTOR OILS (blown)
CASTUNG* (dehydrated castor oils)
CASTORWAX* (hydrogenated castor oils)
RICINOLEATE ESTERS (plasticizers)
CASTOR OIL FATTY ACIDS
FINE CHEMICALS

ESTABLISHED 1857
THE baker CASTOR OIL COMPANY
LOS ANGELES 120 BROADWAY, NEW YORK 5, N. Y. CHICAGO
*REG. U.S. PAT. OFF.

Oil, lime, distilled, Mexican, cns. lb. 6.00 - 6.75
West Indian, cns. lb. 6.25 - 6.75
expressed, West Indian, cns. lb. 13.00 -13.50
terpeneless, bot. lb. 45.00 -65.00
Linseed, raw, dms., c.l., Zone 3. lb. .1810- —
l.c.l. lb. .1870- .1910
tankcars lb. .1670- .1690
tankwagon lb. .1700- .1720
Boiled linseed oil .007 higher than raw
Mace, dist., cns., dms. lb. 3.30 - 3.70
Mandarin, Floridian, dms. lb. 1.60 - 1.65
Italian, cns. lb. 5.50 - 8.50
Menhaden, crude, tanks, Balto lb. No stocks.
refined, alkali, dms. lb. .1280- —
kettle-bodied, dms. lb. .1430- —
light-pressed, dms. lb. .1180- —
tanks lb. .10 - .1020
Mineral, white (see Oil, white, mineral).
Mirbane (see Nitrobenzene).
Mustard seed, expressed, dms. lb. .22½- .23
synthetic, cns., dms. lb. 1.40 1.70
Neatsfoot, 15°, dms. lb. .28 - .28½
20°, dms. lb. 27 - .27½
30°, dms. lb. .25 - .26
Neroli, French, bots. lb. 160.00 -175.00
Haitian, bots. lb. 85.00 -90.00
Niaouli, cns. lb. 2.30 3.23
Nutmeg, dist., East Indian, cns., dms. lb. 3.50 - 3.70
West Indian, cns., dms. lb. 3.35 - 3.50
Ocotea cymbarum, dms. lb. .75 1.00
Oiticica, liquid, drums. lb. .20½- .21
tankcars lb. .19½- —
Oleo, extra, dms. lb. .12½- .13
Olibanum, bots. lb. 4.50 7.65
extra, fine, bots. lb. 6.25 - 8.50
Olive, commercial, dms. gal. 1.75 - 1.85
edible, dms., duty paid. gal. 2.10 - 2.25
foots, dms. lb. .13 - .13½
Orange, sweet, dist., cns. lb. .25 - .60
expressed, USP, Brazilian, cns., dms. lb. .95 - 1.25
Calif., cns. lb. .60 - 1.00
Florida, cns., dms. lb. .42 - 1.00
Messina, coppers. lb. 2.95 - 5.50
West Indian, cns. lb. 1.95 - 2.50
sesquiterpeneless, bots. lb. 55.00 -95.00
Origanum, Spanish, cs. lb. 2.50 3.50
Palm, Congo, dms. lb. .13¼ Nom.
tankcars lb. No stocks.
Palmarosa, cns. lb. 7.40 - 9.00
Palmkernel, crude, bulk, c.i.f. NY lb. No prices
Paraffin, pale, 100-110 vis. at 100° F, tanks, East Coast refinery gal. 11½ —
Patchouli, dms. lb. 22.00 -22.50
Peach kernel, USP (see Oil, apricot kernel).
Peanut, crude, tanks, Southeast lb. .14¾- .15
refined, dms. lb. .19¼- .19¾
tanks, New York lb. .17¾- —
Pennyroyal, USP, dom., cns. lb. No stocks.
imported, cns. lb. 4.60 - 5.50
Peppermint, natural, dms. lb. 6.25 - 6.60
redist., USP, dms. lb. 6.60 - 7.00
Persic, USP (see Oil, apricot kernel).
Perilla, crude, dms. lb. No stocks
Petitgrain, Paraguay, cns. lb. 1.95 - 2.50
Pimento berry, dms. lb. 3.85 - 3.75
leaf, cns. lb. 1.55 1.95
Pine, dest.-dist., dms., incl., c.l., works, South gal. .60 - —
l.c.l., works, South gal. .61 - —
ex whse., N. Y. C. gal. .72 - —
steam-dist., dms., ex whse., non-ret. dms., incl., l.c.l., ex whse., N.Y.C. lb. .09½- —
Pineneedle, Siberian (See oil, abies siberica).
Putty, petroleum, dms., c.l., dlvd. lb. .11 - —
l.c.l., same basis lb. .12 - —
tanks, same basis lb. .10 - —
Rapeseed, tankcars lb. .15¼- —
Red, saponified, dms. lb. .13 - .14¼
tanks lb. .11½- —
single dist., dms. lb. .13¾- .15
tanks lb. .12¼- —
double dist., dms. lb. .16¾- .17½
tanks lb. .14¾- —
Rice bran, clarif., dms. lb. .14 - .14½
tanks lb. .12½- .13½
Rose, natural, Bulgarian, bots. oz. 23.00 -56.00
Rosemary, Spanish, tech., cns., dms. lb. .75 - 1.50
USP, cns., dms. lb. .95 - 1.60
Rue, bots. lb. 2.75 - 3.50
Safflower, tanks lb. .15 - —
Sage, clary, oos. lb. 13.50 -16.00
Dalmatian, cns. lb. 6.00 - 6.50
Spanish, cns. lb. 1.00 - 3.50
Sandalwood, NF, cns. lb. 11.50 -16.50
Sardine, crude, tanks, Pac. coast. lb. .07¾- —
refined, alkali, dms. lb. .1280- —
kettle-bodied, dms. lb. .1430- —
light-pressed, dms. lb. .1180- —
tanks lb. .10 - .1020
Sassafras, artificial. lb. .58 - .75
natural, Brazilian (see Oil, ocotea cymbarum).
domestic, USP, cns., dms. lb. 1.75 - 2.30
Savin, cns. lb. 2.75 - 3.00
Savory, cns. lb. 3.00 —
Seal, 2% acid, duty extra, dms. lb. No stocks.
Sesame, ref., dms., l.c.l. lb. .31 - —
Shingle stain, bbls., c.l., works, gal. .27 - —
l.c.l., works gal. .30 - —
tanks, works gal. .19 - —
Snakeroot, Canada, cns. lb. 18.75 -25.00
Soybean, crude, tanks, mills. lb. .13⅛- —
foots, acid, 95%, tanks, dlvd. E lb. .06⅜- —
raw, 50%, tanks, dlvd. E lb. .03 - —
refined, alkali, dms., c.l. lb. .1685- —
tanks lb. .1565- —
clarified, dms., c.l. lb. .1590- —
l.c.l. lb. .1655- .1715
tanks lb. .14¾- —
edible, dms. lb. .17 - .17½
tanks lb. .15⅞- —
Spearmint, dms. lb. 3.15 - 5.50
Sperm, bleached, winter, 45°, drums lb. .1620- .1670
tankcars lb. .1520- —
natural, winter, 45°, dms. lb. .15 - .15½
tankcars lb. .14 - —
Spruce, cns., dms. lb. 1.75 - 2.00
Sunflower-seed, unp., refined, tanks lb. No prices.
semi-refined, tanks lb No prices.
Sweet birch, Northern, cns. lb. 4.50 - 7.50
Southern, cns. lb 1.95 3.65
Tall, crude, tanks works. ton. 40.00 - —
refined, dms., c.l., works. lb .06 - —
l.c.l., works. lb. .06¼- —
tanks, works lb. 05 - —
Tallow, acidless, dms. lb. .11 - .11½
Tansy, dms. lb. 8.00 - 9.00
Tar, pine, comb., dms., incl., c.l., works, South lb .045 - —
l.c.l., works, South lb. .0473- —
whse., N.Y.C. lb. .0595- —
tanks, works, South lb. .035 - —
rectified, ref., l.c.l., dms., incl., works, South gal 60 —
Tar acid (see T).
Teaseed, dms. lb. No stocks.
Theobroma (see Cocoa butter).
Thyme, NF, red, cns. lb. 2.05 3.25
white, cns. lb. 2.30 3.80
technical, white, cns. lb. .40 5.00
Tung, dom., tanks, mills. lb. .24¾ Nom.
imported, dms., c.l. lb. .25⅜- —
l.c.l. lb. .26¼- —
tanks lb. .25 Nom.
Turkey red (see Oil, castor, sulphonated).

Oil, turpentine, rectified, NF, cns., dms. lb. .21 - .35
Vetiver, Bourbon, cns. lb. 12.50 -15.00
Haitian, cns. lb. 10.00 14.00
Java, cns. lb. No prices.
Whale, ref., natural, dms. lb. No stocks.
Winter-bleached, dms. lb. No stocks.
Wheat germ, 5-gal. dms. gal. 10.00 -13.00
White mineral, tech., 50-65 vis., dms., c.l., N. Y. gal. .43 - —
l.c.l., same basis. gal. .48 - —
65-75 vis., dms., same basis, gal. .44 - —
l.c.l., same basis. gal. .49 - —
USP, 80-90 vis., dms., c.l., same basis gal. .45 - —
125-135 vis., dms., c.l., same basis gal. .53 - —
l.c.l., same basis. gal. .58 - —
145-155 vis., dms., c.l., same basis gal. .60 - —
l.c.l., same basis. gal. .65 - —
175-185 vis., dms., c.l., same basis gal. 62 - —
l.c.l., same basis. gal. 67 - —
200-210 vis., dms., c.l., same basis gal. .65 - —
l.c.l., same basis gal. 70 - —
335-345 vis., dms., c.l., same basis gal. 69½- —
l.c.l., same basis gal. .74½- —
Wintergreen, nat., Northern, cns. lb. 7.00 -14.50
Southern, cns. lb. 3.65 -18.50
synthetic (see Methyl salicylate).
Wood (see Oil tung).
Wormseed, NF, cns. lb. 4.25 - 4.50
Wormwood, cns. lb. 7.00 - 7.50
Ylang-ylang, Bourbon, bots. lb. 8.25 11.50
extra, bots. lb. No prices.
Madagascar, bots. lb. No prices.
Olein crude (see Oil red).
white, low titre, dms. lb. .16¼- .17½
tankcars lb. .14¾- —
Oleostearin, bbls. lb. .09¼- .09½

Oil, Lime—Orthonitroanilin

Olivine, aggregate, c.l., mines. ton. 7.00 - 9.50
crushed, 8 mesh, bulk, c.l., works. ton. 10.00 - —
paper, bgs., c.l., works. ton. 12.00 - —
Opium, USP, cns. lb. 19.20 -19.45
gran., USP, cns. lb. 21.63 -21.90
powd., USP, cns. lb. 21.63 -21.90
Orange, cadmium lithopone, bbls., frt. alld. E. of Rockies lb. 1.10 - —
Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., includ. Davenport, Tenn. and N. C., E. of Minneapolis, Rock Island, St. Louis, St. Paul lb. .23 - —

Chrome orange prices are ½c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport); 1¼c. Miss., N. C., S. C., Tenn., Dallas and Ft. Worth, Tex.; 1½c. El Paso, Tex.; 2c. Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Chrome dinitroanilin toner. lb. 1.15 - —
Mineral, American, bbls., l.c.l., ship't point, frt. alld. lb. .1710- —
Molybdate lb. .40 - —
Persian, bbls. lb. 30 - 45
Orange flowers, ols lb. 40 .45
Orange peel, bitter, Haitian, bls lb. .13 .15
Sweet, bls. lb. .13 .17
Oregano, Mexican, bgs. lb. .16 - .16½
Portuguese, bgs. lb. .18 .18½
Sicilian, bgs. lb. .18 .19
Orris root, Florentine, bls. lb. .20 .25
powdered, bbls., bxs. lb. .26 .29
Verona, bls. lb. .16 .21
powdered, bbls, bxs. lb. .22 .23

Orthoaminobiphenyl, dms., c.l., works. lb. .32¼- —
l.c.l., same basis. lb. .33 - —
tanks, same basis. lb. .31 - —
Orthoanisidin, obls. lb. .20 - —
Orthochloroanilin, dms., 10,000 lbs. or more lb. .60 - —
smaller lots lb. .70 - —
Orthochloroparanitroanilin, dms., works lb. .65½- .67
Orthochlorophenol, dms., c.l., frt. equald lb. 27 - —
l.c.l., same basis lb. .28 - —
Orthocresol, pure, 30° C, non-ret., dms., c.l., frt. equald. lb. .1930- .2403
l.c.l., same basis lb. .1960- .2433
ret. dms., c.l., same basis lb. .1900- —
l.c.l., same basis lb. .1930- —
29° C, non-ret. dms., c.l., same basis lb. .1830- .2303
l.c.l., same basis lb. .1860- .2333
ret. dms., c.l., same basis lb. .1800- —
l.c.l., same basis lb. .1830- —
25 to 27° C. non-ret. dms., c.l., same basis lb. .1630- .2080
l.c.l., same basis lb. .1660- .2110
tanks, same basis lb. .1500- .1950
Orthodichlorobenzene, 50-lb. cns. lb. .12½- —
100-lb. cns lb. .11½- —
dms., c.l., works, frt alld E. of Rockies lb. .08½- .08¾
l.c.l., same basis lb. .09½- .09¾
tanks, same basis lb. .07 - .07¼
Orthodichlorobenzene prices 1c. per lb. higher W of Rockies
Orthoisopropyl N-phenylcarbanate (see IPC).
Orthoisopropylphenol, dms., c.l. lb 29 - —
l.c.l. lb. 30 - —
tanks lb. 28 - —
Orthonitroanilin, dms lb. 50 .53

Exchange
OIL OF
ORANGE
U.S.P.

Flavor is the thing that makes your product stand out from others. And Exchange Oil of Orange *has* the flavor...that distinctive and preferred taste unique to oranges grown in the sunny, sheltered valleys of California.

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Producing Plant:
The Exchange Orange Products Co., Ontario, Calif.

Orthonitrochlorobenzene, dms....lb. .18 - .19
Orthonitrobiphenyl, tech., dms., c.l., works..lb. .14½- —
l.c.l., works .....lb. .15 - —
tanks, works .....lb. .13 - —
Orthonitroparachlorophenol, cns lb. .73 - —
Orthonitrotoluene, dms., c.l., works. lb. .08 - —
l.c.l., works.....lb. .09 - —
tanks, works.....lb. .07 - —
Orthophenetidin, dms., works....lb. .90 - —
Orthotoluidin, dms., c.l., works...lb. .19 - —
l.c.l., same basis.....lb. .20 - —
tanks, same basis.....lb. .18 - —
Osage orange crystals, bbls., l.c.l lb. .33½- —
extract, liquid, bbls., l.c.l lb. .15½- —
Orthotolidin, (see Tolidine Base).
Ouabaine, USP, nots..... gram. 3.00 - 4.00
Ox gall, conc., gran., bb. dms., 5 lbs. and up ..lb. 2.50 - —
Oxyquinolin sulphate, cns., 100 lbs. works..lb. 4.25 - —
smaller lots, works.....lb. 4.40 - 4.51

P

Pancreas substance, assay 1:75...lb. 5.75 - 6.25
Pancreatin, USP .....lb. 2.50 3.00
Panthenol, bots., works, frt. adjust. kilo.90.00 - —
Papain, powd., NF, cs.....lb. 1.75 - 2.50
Papaverine, natural or synthetic, hydrochloride, USP, cns., 1,000-oz. lots oz. 5.00 —
smaller lots..... oz. 5.05 5.20
Sulphate, cns..... oz. 7.10 7.35
Paprika, Chilean, bgs.....lb. .26 - .27
Portuguese, bgs.....lb. .39 - .40
Spanish, bgs.....lb. .44 - .50
Para-anisidin, dms., works .....lb. .80 —
Parachlorophenol, dms., c.l., frt. squald .lb. .27 - —
l.c.l., same basis.....lb. .28 - —
Parachloroanilin, dms., frt. alld. E. Miss lb. .70 - —
Parachloro-orthonitroanilin, dms..lb. .63 - —
Paracresol, 98%, dms., works....lb. .50 - —
Paracymene, dms., works, 50 gals. or more gal. 2.50 - —
smaller quantities..... gal. 3.00 - —
Paradibromobenzene, bgs., 500-lb. lots. lb. .45 - —
Paradichlorobenzene, dms., c.l., works lb. .11 - —
l.c.l., same basis.....lb. .12½- .14
Paraffin, crude, scale, white or yellow, 119-121 ASTM, bbls., c.l., refinery lb. No prices.
121-123 ASTM, bbls., c.l., ref'y lb. No prices.
126-128 ASTM, bbls., c.l., ref'y lb. No prices.
fully ref'd, slabs, 120-122 ASTM, loose, c.l., ref'y.....lb. .0635- —
122-124 ASTM, loose, c.l., ref'y. lb. .0635- —
125-127 ASTM, loose, c.l., ref'y. lb. .0635- —
128-130 ASTM, loose, c.l., ref'y lb. .0640- —
130-132 ASTM, loose, c.l., ref'y. lb. .0645- —
132-134 ASTM, loose, c.l., ref'y. lb. .0660- —
135-137 ASTM, loose, c.l., ref'y lb. .0705- —

Paraffin prices in bgs. and cns., 7/10c. per lb. higher; 1,000 to 9,999 lbs., 2.7c. per lb. higher, and under 1,000 lbs., 3.7c. per lb. higher.

Paraformaldehyde, 94-95%, powd., dms., c.l., dlvd. N.Y...lb. .15½- .16¾
10,000 lbs. to c.l., same basis. lb. .16½- .16¾
1,000-9,999 lbs., same basis. lb. .17½- .17¾
less than 1,000 lbs., same basis. lb. .19¼- .19½
94-95%, powd., dms., c.l., works. lb. .13 - —
10,000 lbs. to c.l., same basis. lb. .14 - —
1,000-9,999 lbs., same basis. lb. .15 - —
less than 1,000 lbs., same basis. lb. .17 - —
91-92% flake, fib. dms., c.l., works. lb. .11 - —
10,000 lbs. to c.l., same basis. lb. .12 - —
1,000-9,999 lbs., same basis. lb. .13 - —
less than 1,000 lbs., same basis. lb. .15 - —

Quotations on 91-92% flake paraformaldehyde in the New York metropolitan area are on a delivered basis, 2½c. per lb. higher than works prices.

Paraldehyde, tech., 98%, 55 gals., dms., l.c.l., works lb. .12½ .13½
5-10-gal. dms., l.c.l., works lb. .16½- —
tanks, works .....lb. .10½- —
USP, cbys ..... lb. .51 .53
Paranitroanilin, kgs., works.....lb. .46½- —
Paranitrochlorobenzene, kgs., works. lb. .19 - .20
Paranitrophenol, kgs., works, frt. equald lb .40 - —
Paranitrotoluene, kgs., works....lb. .30 - —
Paraphenetidin, dms., works ....lb. .80 - —
Paraphenylphenol, bgs., works ..lb. .28 - .29
Paraphenylenediamine, redistilled, dms., works lb. 2.00 - —
technical, refined, dms., same basis lb. 1.25 - 1.35
Paratertiarybutylphenol, bgs., c.l., frt. equald lb .21 - —
l.c.l., same basis.....lb. .22 - —
Parthion, spray powder, 15% tins, dealers lb. .72 - —
tech., dms., works.....lb. 1.50 - 2.50
Paratoluenesulphonamide, bbls., works lb. .70 - —
Paratoluidin, bbls., works ....lb. .55 - —
Pareira brava root, whole, bgs...lb. .30 - .31
ground, bxs.....lb. .35 - .37
powder, bxs.....lb. .38 - .40
Paris green, dealer, distributor, dms., dms., c.l., works, frt. alld. on 96 lbs. or over..lb. .33 - .37
l.c.l., same basis.....lb. .34 - .66
Passion flower herb, bls.....lb .40 - .45
Patchouli leaves, bls.....lb. No stocks.
Peanut meal, 45%, sacked, mills ton.70.00 - —
Pectin, citrous, NF, powd., bbls lb. 2.05 - 2.06
tech., powd., bbls.....lb 1.42 1.43
Penicillin, crystalline, potassium, unlabeled, vials, 100,000 units...vl. .102 - —
200,000 units .....vl. .15½- —
500,000 units .....vl. .28 - —
1,000,000 units .....vl. .52 - —
2,000,000 units .....vl 1.00 - —
bulk, sterile, over 25,000,000,-000 unit lots..100,000 units. .04 - —
tablet grade, over 25,000,000,-000 unit lots 100,000 units. .03½- —
Procaine, bulk, over 25,000,000,000-unit lots..100,000 units. .04½- —
sodium, unlabeled vials, 100,000 units...vl. .10¾- —
200,000 units .....vl. .16 - —
500,000 units .....vl. .30½- —
1,000,000 units .....vl. .57 - —
2,000,000 units .....vl. 1.03 - —
bulk, over 25,000,000,000 unit lots 100,000 units. .04½- —
Pennyroyal leaves, bls.....lb. .40 - .45
Pentachlorophenol, dms., c.l., works, frt. equald lb. .20 - —
l.c.l., same basis.....lb. .23 - .28
truckload, 20,000 lbs., min., same basis .lb. .20¼- —
Pentaerythritol, tech., bgs., c.l., works lb. .29 - —
l.c.l., works.....lb. .31 - .33
Di and tri-isomers (see Dipentaerythritol and Tripentaerythritol).
Pentane, industrial, tanks, group 3 gal. .10½ 11½
Pepper, black.....lb. 1.44 - 1.45
Apr. arrival.....lb. 1.44 - 1.45
May shipment.....lb. 1.43 - 1.44
Red, Carolina, longs, bgs .....lb. .39 - .40
Oct.-Nov. delivery, bgs.....lb. .36 - .37
Ethiopian, stemless, bgs.....lb. .33½- .34
Haitian, bgs .....lb. .60 - .61
Hontaka, bgs .....lb. .60 - .61
Louisiana longs, bgs.....lb. .40 - .41
Mexican sports, bgs.....lb. .36 - .37
Mississippi sports, bgs., source lb. .45 - .45½
Mombassa, bgs., afloat.....lb. .52 - .52½
Nigerian, caps, bgs., futures..lb. .42 - .43
birdseye, bgs. .....lb. .65 Nom.
Sudanese, small, bgs.....lb. .46 - .47
Turkish, bgs. .....lb. .25 - .26
White, bgs .....lb. 2.40 - 2.45
Peppermint, USP, dom., bls.....lb. .50 .70
imported, bls.....lb. .80 .90
Pepsin, NF, bulk containers .lb. 3.90 —
Perchloroethylene, dms., c.l., or truckload, works, frt. equaid. lb. .10¼- —
l.c.l., same basis.....lb. .11 - —
tanks, same basis.....lb. .09¾- —
dms., c.l., zone 1, works, frt. alld. lb. .11 - —
zone 2, same basis.....lb. .11½- —
zone 3, same basis .....lb 12 - —
zone 4, same basis.....lb. .11½- —
Perchloroethylene, dms., l.c.l., zone 1, same basis.....lb. .11¾- —
zone 2, same basis.....lb .12¼- —
zone 3, same basis .....lb .12¾- —
zone 4, same basis.....lb. .12¼- —
tanks, zone 1, same basis.....lb. .10½- —
zone 2, same basis.....lb .11 - —
zone 3, same basis .....lb 11½ —
zone 4, same basis.....lb .11 - —

Perchloroethylene zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb. (Omaha), Kans. (Kansas City), N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; (2) Ala., Ark., Fla., Ga., Kansas, La., Miss., Neb., N D., Okla., S. C., S. D.; (3) Colo., Mont., (E) N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont., (W), Nev., Ore., Utah, Wash.

Peru balsam, dms.....lb. .90 - 1.10
Petrolatum, USP, amber, dms., c.l., New York .lb. .04⅝- .04¾
l.c.l., same basis .....lb. .05⅛- .05⅜
cream, dms., c.l., same basis.lb. .05¾- .06⅛
l.c.l., same basis.....lb. .07 - .08
extra amber, dms., c.l., same basis .lb. .04⅞- .05⅛
l.c.l., same basis.....lb. .05⅜- .06
white lily, dms., c.l., same basis .lb. .06 - .06⅞
l.c.l., same basis.....lb. .07¼- .08¼
snow, dms., c.l., same basis.lb. .06⅛- .07⅛
l.c.l., same basis.....lb. .07⅛- .08⅛
soft, dms., c.l., same basis lb. .06¼- .06⅝
l.c.l., same basis.....lb. .07¼- .07⅛
yellow, soft, dms., c.l., same basis .lb. .04⅞- .05
l.c.l., same basis.....lb. .05⅜- .05⅛
Petroleum, crude bulk, at wells, California bbl 1.10 2.99
Illinois .....bbl. 2.44 2.87
Kentucky .....bbl. 2.42 2.83
Louisiana-Arkansas .... bbl 2.08 2.90
Montana .....bbl 1.28 2.775
Oklahoma-Kansas .....bbl. 2.16 2.65
Pennsylvania, lower field bbl 3.54 —
Upper field.....bbl. 2.75 3.54
Texas, East .....bbl 2.65 —
Gulf coast.....bbl 2.38 2.95
North, North-Central bbl 2.23 2.65
Panhandle .....bbl 2.23 2.65
West .....bbl 2.10 2.65
Wyoming .....bbl 1.28 2.575
Ether, laboratory, 30°-60° C., cns., dlvd. E gal. 1.50 - —
dms., c.l., group 3..... gal. .26 - —
l.c.l., same basis..... gal. .44 - —
35°-60° C, 10-gal. cns., dlvd. E. gal. 1.50 - —
dms., c.l., Group 3..... gal. .26 - —
l.c.l., same basis..... gal .44 - —
40°-75° C, 10-gal. cns., dlvd. E. gal. 1.50 - —
dms., c.l., Group 3..... gal. .26 - —
l.c.l., same basis..... gal .44 - —
90°-160° C, ref. dms., ex tax, f.o.b San Francisco gal .57 - —
Fuel oil, bunker C, No. 6, California, heavy tanks, refinery bbl. 1.25 - 1.55
light, tanks, refinery bbl. 1.65 - 2.10
eastern, tanks, Albany, N. Y. bbl. 2.35 - —
Baltimore, Md. .....bbl. 2.08 - —
Boston, Mass. .....bbl. 2.10 - —
Charleston, S. C. .....bbl. 2.03 - —
Jacksonville, Fla. .....bbl. 2.02 - —
New York, N. Y. .....bbl. 1.90 - 2.10
Norfolk, Va. .....bbl. 2.08 - —
Philadelphia, Pa. .....bbl. 2.08 - —
Portland, Me. .....bbl. 2.13 - —
Providence, R. I. .....bbl. 2.075 - —
Savannah, Ga. .....bbl. 2.03 - —
Diesel, tanks, refinery, California, gal. .081- .115
Pennsylvania .....gal. .09 - .0925
Furnace, tanks, refinery, Arkansas, No. 2 gal. .0775- —
No. 3 .....gal. .07375- —
Bayonne, N. J., No. 2 ....gal. .077 - —
Group 3, No. 1 .....gal. .0825- .08625
No. 1, straw .....gal. .0825- .08625
No. 2, straw .....gal. .07625- .085
range .....gal. .0825- .0875
Pennsylvania, western, No. 1 gal. .095 - .10
No. 2 .....gal. .0925- .095
No. 3 .....gal. .09 - .0925
Lacquer diluent, California, 170-225 F, b.r., tanks, ex tax, f.o.b. Los Angeles gal. .147 - —
235 F, b.r., tanks, ex-tax. Portland, Ore..... gal. 138 - —
San Francisco..... gal. 132 - —
Seattle, Wash ..... gal. 138 - —
East coast, tanks, N. J. and N. Y. refinery gal. .16½- —
group 3, benzol-type, tanks, refinery gal. .12125- —
toluol-type, tanks, refinery gal. .11125- .11375
Mineral, spirits, California, 170-255 b.r., tanks, ex tax, f.o.b. San Francisco gal. .152 - —
205-295 b.r., tanks, same basis gal. 152 - —
245-360 b.r., tanks, same basis gal. 152 - —
305-362 b.r., tanks, same basis gal. 142 - —
312-400 b.r., tanks, same basis gal. 142 - —
360-455 b.r., tanks, same basis gal. 152 - —
East coast, tanks, N. J., N. Y., refinery gal. .14½- —
group 3, tanks.....gal. .09875- —
Petroleum mineral spirit, tank-wagon, Baltimore..gal. .18 - —
Boston .....gal. .16½- —
Buffalo .....gal. .17 - —
Newark .....gal. .15½- —
New York .....gal. .15½- —
Philadelphia .....gal. .14 - —
Pittsburgh .....gal. .175 - —
Providence .....gal. .17 - —
Rochester .....gal. .18½- —
Syracuse .....gal. .19½- —
Washington, D. C.....gal. .18 - —
Naphtha, cleaners, East Coast, tanks, N. J., N. Y., refinery..gal. .14½- —
Group 3, tanks .....gal. .10875- —
tankwagon, Newark .....gal. .15½- —
New York .....gal. .15½- —
Philadelphia .....gal. .14½- —
high-flash, 140° F, group 3, refinery, tanks gal. .13 - .145
200-265 b.r., 37-38° C., mixed anilin pt., tanks, refinery or terminal gal. .20 - .21
25-26° C., m.a.p., tanks, same basis gal. .19½- .24
270-370 b.r., 78-81° C., m.a.p., tanks, same basis gal. .23½- —
49° C., m.a.p., tanks, same basis gal. .26½- —
26-27° C., m.a.p., tanks, same basis gal. .19½- .24½
300-400 b.r., 28-32° C., m.a.p., tanks, same basis gal. .19½- .27
340-410 b.r., 27° C., m.a.p., tanks, same basis gal. .29 - —
32° C., m.a.p., tanks, same basis gal. .19½- —
36° C., m.a.p., tanks, same basis gal. .20½- —
340-440 b.r., 32° C., m.a.p., tanks same basis gal. .24¾- .27
360-480 b.r., 25° C., m.a.p., tanks, same basis gal. .19½- —
V.M.&P., ref'y, California, 245-360 b.r., Los Angeles .....gal. .147 - —
Portland, Ore .....gal .158 - —
San Francisco .....gal. .152 - —
Seattle, Wash. .....gal. .158 - —
East coast, N. J., N. Y., tanks .gal. .15½- —
Group 3, tanks .....gal. .10875- —
tankwagon, Boston .....gal. .18 - —
Newark .....gal. .17 - —
New York .....gal. .17 - —
Philadelphia .....gal. .165 - —
Pittsburgh .....gal. .185 - —
Solvent, rubber, California, tanks, ex tax, San Francisco gal. .152 - —
East coast, N. J., N. Y., gal. .15½- —
Group 3 tanks .....gal. .10375- .11375
Stoddard, California, tankwagon, ex-tax, Los Angeles .gal. .157 - .195
East coast, N. J., N. Y., tanks .gal. .14½- —
Group 3, tanks.....gal. .10375- .10875
Pennsylvania, western, tanks .gal. .1225- —
tankwagon, Boston.....gal. .16½- —
Newark .....gal. .15½- —
New York .....gal. .15½- —
Philadelphia .....gal. .14½- —
Pittsburgh .....gal. .175 - —
Syracuse .....gal. .19½- —
Sulphonate, 70% sulphonic content, ret. dms., c.l., works. lb. .1715- —
l.c.l., works.....lb. .1750- —
tanks, works .....lb. .1525- —
50% sulphonic content, ret. dms., c.l., works..lb. .1365- —
l.c.l., works.....lb. .1400- —
tanks, works .....lb. .1175- —
Phenobarbital, USP, dms., 100 lbs. lb. 4.00 4.35
Phenobarbital-sodium, USP, dms lb. 4.00 - 4.10
Phenol 90-92% (cresol, 8-10%), dms., c.l., frt. alld. and frt. equald. E. of Rockies. lb. .1375- —
l.c.l., same basis.....lb. .1450- —
tanks, same basis.....lb. .1200- —
82-84% (cresol, 16-18%), dms., c.l., same basis..lb. .1375- —
l.c.l., same basis.....lb. .1450- —
tanks, same basis.....lb. .1200- —
USP, synthetic, dms., c.l., same basis..lb. .14½- —
l.c.l., same basis .....lb. .15¼- .17¼
tanks, same basis.....lb. .12¾- —
tar distilled, dms., c.l., same basis .lb. .14¾- —
l.c.l., same basis.....lb. .15½- —
tanks, same basis..... lb. .13 - —
Phenolphthalein, USP or yellow, bbls., dms., 2,000 lbs...lb. 1.00 - —
smaller lots .....lb. 1.02 - 1.07
Phenothiazin, NF, fib. dms., 15,000 lbs., frt. adjusted..lb. .44 - —
smaller lots, frt. adjusted..lb. .46 - —
Phenylacetaldehyde solution, 50%, bots..lb. 2.35 - 2.65
100%, bots.....lb. 4.00 4.75
Phenylacetamide, 125-lb. dms., works, lb. lots..lb. 1.25 - —
smaller dms.....lb. 1.30 - 1.60
Phenyl acetate, dms., 100-lb. lots, works lb. .50 - —
Salicylate (see Salol).
Phenylalanine dextro laevo, dms., works..lb.30.00 -37.50
Phenyldiethanolamine, dms., c.l., works..lb. .35½- —
l.c.l., works.....lb. .36½- —
Phenylethanolamine, dms., c.l., works..lb. .67½- —
l.c.l. same basis .....lb. .68½- —
Phenylethyl acetate, dms.....lb. 1.45 - 2.70
Phenylethylphenyl acetate, bots lb. 3.75 - 6.00
Phenylhydrazin base, CP, bots....lb. 3.00 - 3.07
Hydrochloride, commercial, kgs., works..lb. 1.75 - —
CP, bots., works.....lb. 5.00 - 5.07
Phenylmethylpyrazolone (see Methylphenylpyrazolone).
Phloroglucinol, CP, fib. dms., works. lb.13.75 -15.75
commercial fib. dms., works....lb. 5.50 - 7.00
tech., fib. dms., works.....lb. 9.65 -10.75
Phosgene, 150-lb. cyls., works...lb. .20½- —
10-lb. cyls., works.....lb. 1.50 - —
Phosphate, defluorinated (see under D)
Phosphate rock, Curacao, Atlantic ports ton.35.00 - —
Florida, land pebble, run-of-mine, washed, dried, unground, 68-66%, b.p.l., bulk, c.l., car at mine..long ton. 3.755 - —
70%-68%, b.p.l., c.l., same basis..long ton. 4.155 - —
72%-70%, b.p.l., c.l., same basis long ton. 4.805 - —
75%-74%, b.p.l., c.l., same basis..long ton. 5.805 - —
77%-78%, b.p.l., c.l., same basis .long ton. 6.905 - —
finely ground, 65% b.p.l., basis 30% P_2O_5 minimum.... short ton. 4.93 - —
68%, b.p.l., basis 31% P_2O_5 minimum short ton. 5.28 - —
70%, b.p.l., basis 32% P_2O_5 minimum short ton. 5.83 - —

plus or minus usual bonus adjustment clause for oil and labor. Prices on entirely pebble, 50c. per long ton higher than above quotations.

Tennessee, brown, run-of-mine, unground, 27-28% P_2O_5... long ton. 6.45 - —
30-29% P_2O_5.....long ton. 7.21 - —
Phosphorus, red, amorpnous, cs. lb. .33 .36
tins, export..... lb. .34 .37
Yellow, cns. .....lb. .30 - .37
dms., c.l. .....lb. .26 —
Oxychloride, dms., works.....lb. .13 - .16
Pentasulphide, dms., c.l., works lb. .11 —
l.c.l., dms., works.....lb. .12 - .13
Pentoxide, dms., c.l., works....lb. .12 - —
l.c.l., works .....lb. .13 .14
Sesquisulphide, tins, cs., works. lb. .23 - .29
dms., export.....lb. .33½ .36
Trichloride, dms., c.l., works...lb. .13 - —
l.c.l., works.....lb. .14 - .17
Phthalic anhydride, bgs., c.l., works, frt. equald..lb. .17½- —
l.c.l., same basis.....lb. .18½- —
Bbls. ½c. per pound higher.
Phthalimide, bbls., works.....lb. 1.10 1.37
Pichi leaves, bgs.....lb. .08 - .10
Picoline (see Alphapicoline and Betapicoline)
Pilocarpine hydrochloride, NF, bots., vials..oz. 6.50 7.50
Nitrate, USP bots, vials..... oz 6.25 7.25
Pimento, Jamaica, bgs.....lb. .20½- .21
Pinetar, retort, dms., incl., c.l., works, South lb. .045 - —
l.c.l., same basis .....lb. .0473- —
whse., N.Y.C.....lb .0595- —
tanks, works, South.....lb. .035 - —
Pinkroot, bls. .....lb 1.55 - 1.65
Piperidine 95% wms. frt. equald. lb 1.65 —
98%, dms., same basis lb 1.75 —
Piperazine hexahydrate, bots..kilo.12.50 -13.25
Pipsissewa herb (see Prince's pine)
Pitch, burgundy, dms. incl., 20 or more dms., works, South. 100 lbs. 7.16 - —
whse., N. Y. C.....100 lbs. 8.08 - —
5 to 19 dms., works, South, 100 lbs. 7.36 - —
whse., N. Y. C.....100 lbs. 8.28 - —
1 to 4 dms., works, South 100 lbs. 7.61 - —
whse., N. Y. C.....100 lbs. 8.53 - —
Coaltar, 150° F. m.p., bbls., c.l., works .....ton.34.00 - —
l.c.l., works .....ton.36.00 -37.00
Cottonseed, dms., works.....lb. .05½- .07
Hardwood, paper bgs., c.l., works. lb. .02 - —
Linseed, dms. .....lb. .06 Nom.
Petroleum (see Asphaltum, Mexican, Texas).
Pine, dms., ex whse, East 100 lbs. 4.67 - —
Soybean, dms., works.....lb. .04½- .05
Plaster of paris (see Gypsum).
Platinum metal, works.....oz.66.00 -69.00
Pokeroot, bls.....lb. .13 - .14
Pleurisy root, bls.....lb. .25 - .26
Podophyllin, NF, dms.....lb.12.45 - —
Polystyrene, colors, special, bgs., over 30,000 lbs., frt. alld. lb. .30 - —
20,000-29,999 lbs., same basis..lb. .30 - —
10,000-19,999 lbs., same basis .lb. .30½- —
200-9,999 lbs., same basis .lb. .31 - .60
standard, bgs., over 30,000 lbs., same basis..lb. .30 - —
20,000-29,999 lbs., same basis..lb. .26½- —
10,000-19,999 lbs., same basis .lb. .27½- —
200-9,999 lbs., same basis .lb. .27½- —

Polystyrene in non-returnable fiber dms., ½c. per lb. higher.

Pomegranate root bark, bgs.....lb. .68 - .70
Poppy flowers, bls .....lb. .50 - 1.05
Seed, Czech, bgs.....lb. .13¾- .14
Dutch, bgs. .....lb. .16¾- .17
Polish, bgs. .....lb. .15½- .15¾
Potash, caustic, low-chloride, flake, 85% basis 90% KOH, dms., c.l., works..100 lbs. 9.75 - —
l.c.l., works.....100 lbs.10.50 - —
liquid, 45%, dms., c.l., works, 100 lbs. 4.525 - —
l.c.l., works .....100 lbs. 5.025 - —
tanks, works.....100 lbs 4.20 - —
solid, 90%, dms., c.l., works. 100 lbs. 9.15 - —
l.c.l., works 100 lbs. 9.90 - —
regular, flake, 88-92%, dms., c.l., works..lb. .0815- —
l.c.l., works lb .089 —
liquid, 45% basis, dms., c.l., works. lb. .03725- —
l.c.l., same basis.....lb. .0450- —
tanks, same basis.....lb. .0340- —
solid, 88-92%, dms., c.l., works. lb. .0755- —
l.c.l. works, lb. .0830- —
Potassium abietate .....lb .08 —
Acetate, USP, dms.....lb. .31 .36
Bicarbonate, USP, gran, dms..lb. .20 .22
powd., dms.....lb. .22 .24
Bichromate, bgs., works.....lb. .13¼- .14¼
Potassium bichromate in drums, ¾c. higher.
Bitartrate (see Cream of tartar)
Borate, gran., bbls., c.l., works. ton.192.00 - —
ton lots, works..... ton.245.50 - —
less ton lots, works.... ton.250.50 - —
Bromate, bbls., 1,000 lbs. or more. lb. .48 - —
25-200-lb. lots .....lb. .60 - —
Bromide, USP, cryst., gran., bbls., kgs .lb. .33 .34
Carbonate, tech., calcined, bbls., c.l., works..lb. .0780- —
l.c.l., same basis.....lb. .0855- —
hydrated, 83-85%, bbls., c.l., works..lb. .06¼- —
dms., l.c.l., works.....lb. .07 - —
USP, gran., bbls., dms.....lb. .16½- .18
powd., bbls., dms.....lb. .21 - .23
Chromate, tech., bgs .....lb .25 .29
Chlorate, cryst., dms., c.l., works. lb. .089 - —
l.c.l., works.....lb. .0915-.1015
powd., dms., c.l., works.....lb. .094 - —
l.c.l., works.....lb. .0965-.1065
export, dms., 1 to 10 tons, ex whse..lb. .12 —
NF, gran, dms .....lb 31 .33
Chloride, USP, cryst., dms....lb. .26 - .27
gran., bbls .....lb. .20 .22
powd., bbls .....lb. .29 .32
Citrate, USP, gran., dms .....lb .37½- .38½
powder, dms. .....lb. .40½- .41½
Cyanide, dms., works.....lb. .52½- .55
Fluoride, dms., works.....lb. .24 - —
Gluconate, dms. .....lb. .75 - .79
Glycerophosphate, 75% solution, cbys..lb. 2.05 2.20
Guiacol sulphonate, NF, dms...lb. 1.80 - 1.85

Potassium hydroxide, tech. (see Potash, caustic).
USP, pellets, jars ..... lb. .33 - —
Hypochlorite, liquid, cbys., dms., works ..... 100 lbs. 3.50 - —
Hypophosphite, NF, ton lots and less, fib. dms. lb. .90 - .93
Iodide, dms ..... lb. 1.95 - 1.98
Manure salt, 22% K_2O, bulk, mines unit-ton. .20 - —
25% K_2O, bulk, mines unit-ton. .21 - —
Metabisulphite, gran., bbls ..... lb. .21 - —
powd., bbls ..... lb. .23 - —
Muriate, dom., 60% K_2O, bulk, Carlsbad, N. M. unit-ton. .37½ - —
Trona, Cal unit-ton. 45½ - —
Nitrate (see Saltpeter).
Oxalate, neutral tech. fine gran., bbls., dms. lb. .30 - .32
purified, dms ..... lb. .42 - .44
Perchlorate, dms., l.c.l. ..... lb. .14 - .15
kgs., c.l., works ..... lb. .13½ - —
Permanganate, tech., dms., works, lb. .21¾ 22¾
USP, dms., works ..... lb. .23½ .24
ex whse ..... lb. .29 —
Persulphate, dms., c.l., works lb. .17 —
l.c.l. works lb. .21 —
Phosphate, tetrabasic, bbls., wks. lb. .13 - .13½
Prussiate, red, kgs ..... lb. .60 - .63
yellow, bbls ..... lb. .21 —
kegs ..... lb. .26 —
Ricinoleate, tech., bbls ..... lb. .11 - —
Silicate, glass, bgs., c.l., wks ton. 200.00 - —
l.c.l. 100 lbs. 15.25 - —
solution, 29° Be, ret. dms., c.l., works 100 lbs. 4.25 - —
l.c.l. 5 or more, works. 100 lbs. 5.00 - —
1-4, works 100 lbs. 5.50 - —
62° Be, net, dms., c.l., works. 100 lbs. 4.75 - —
l.c.l. 5 or more, works. 100 lbs. 5.50 - —
1-4, works 100 lbs. 6.00 - —
40.5° Be, ret. dms., c.l., works. 10 lbs. 5.75 - —
l.c.l. 5 or more, works. 100 lbs. 6.50 - —
1-4, works 100 lbs. 7.00 - —
Silicofluoride, bbls., works lb .07 .08
Sulphate, agricultural, dom., bulk, basis 90-95% K_2SO_4, min. 90%, works ton. 32.50 —
indust., bulk, works ..... ton. 36.00 —
NF, cryst., bbls ..... lb. .31 - .33
gran., dms ..... lb. .18½ - —
powder, dms ..... lb. .17 - —
Sulphocyanide, cryst., NF (see Potassium thiocyanate).
Thiocyanate, cryst., NF, dms. lb. .70 .73
tech., works ..... lb. .45 .50
Titanate, ctns., c.l., works lb. .12 —
5 tons, works ..... lb. .12¼ - —
1 ton or less, works ..... lb. .12½ - .12¾
Potassium-magnesium sulphate, bulk, min., 40% K_2SO_4, 18-50% MGO, works ton. 14.50 - —
Potassium-sodium tartrate (see Rochelle salt).
Potassium-titanium fluoride, fib. dms., works lb. .45 .55
Potassium-titanium oxalate, bbls., kgs lb. .65 .70
Potassium-zirconium fluoride, fib. dms., c.l., works lb. .50 —
l.c.l., works ..... lb. .52½ - .55
Prickly ash bark, bls ..... lb. .23 .25
Berries, bgs ..... lb. .55 .75
Prince's pine herb, bls ..... lb. .45 - .50
Procaine hydrochloride, USP, dms., contract, 1,000 lbs. or more, works lb. 3.75 4.50
spot, 1,000 lb. lots ..... lb. 4.50 - —
smaller lots ..... lb. 4.00 5.00
Progesterone, USP, 100 gms ..... gm. 2.75 - —
Propane, commercial grade, tanks, group 3 gal. .02¼ - —
Propionaldehyde, dms., c.l., works lb. .28½ - —
l.c.l., works ..... lb. .29½ - —
tanks, works ..... lb. .25 —
Propyl aldehyde (see Propionaldehyde)
Parahydroxybenzoate USP, dms lb. 2.30 2.40
Propylene dichloride, dms., c.l. lb. .08½ - —
l.c.l. ..... lb. .09½ - —
smaller containers ..... lb. .12½ - —
tanks ..... lb. .07 - —
Oxide, dms., c.l., frt. alld. E lb. .18½ - —
l.c.l., frt. alld. E ..... lb. .19½ - —
tanks, frt. equald. E ..... lb. .16½ - —
Propyleneglycol NF, dms., c.l., frt. alld. E lb. .17½ - —
l.c.l., same basis ..... lb. .18½ - —
tanks, same basis ..... lb. .16 - —
tech., dms., c.l., frt. alld. E lb. .16½ - —
l.c.l., same basis ..... lb. .17½ - —
tanks, same basis ..... lb. .15 - —
Methylether, dms. c.l., frt. equald. lb. .18 - —
l.c.l., same basis ..... lb. .18½ - —
tanks, same basis ..... lb. .16½ - —
Propylthiouracil, bots., 50 kilos or more kilo. 55.00 - —
smaller lots ..... lb. 55.10 - 55.30
Psyllium seed, black, bgs ..... lb. .22 .25
blonde, bgs ..... lb. .19 .21
husks, bgs ..... lb. .42 - .43
Pulsatilla herb, bls ..... lb. .45 .50
Pumice, dom., grd., course, 0, 1, 1½, 2, 3, bgs., ton lots, lb. .03⅜ - .04
Chicago, bgs., ton lots lb. .04½ - —
smaller lots lb. .03½ - .04¼
Italian, silk-screen, coarse bgs., ton lots lb. .05½ - —
fine, bgs., ton lots ..... lb. .04 - —
sun dried, coarse, bgs., ton lots lb. .02½ - —
fine, bgs., ton lots ..... lb. .02½ - —
Pumice in bbls is ½c. per lb. higher.
Pumpkin seed, bgs ..... lb. .18 .26
Purple lake (see Red).
Pyrethrum concentrate, dewaxed, 20%; for aerosol bombs, dms., works lb. 11.00 - 11.50
liquid (20 to 1), basis 2 grams pyrethrins per 100cc., odorless base, dms., works gal. 9.50 - —
regular base, dms., works. gal. 9.40 - —
(30 to 1 base, 3 grams, pyrethrins, per 100cc, odorless base, bbls., works gal. 14.15 - —
regular base, dms., works. gal. 14.05 —
smaller lots, same basis lb. 50.00 - 55.00
Flowers, fine-grd., 0.9% pyrethrins, bbls., works lb. .42 - .44
powder, 1.3% pyrethrins, bbls., works lb. .56 - .65
Pyrethrin, synthetic (see Allethrin)
Pyridin, denaturing, dms., works, and frt. equald., c.l. gal. 2.00 - 2.69
l.c.l. ..... gal. 2.00 - 2.72
refd., 2°, non-ret. dms., c.l., same basis lb. .79½ - —
l.c.l., same basis ..... lb. .80 - —
Pyridoxine hydrochloride, 100-gram lots gram. .55 - —
Pyrites, Spanish, c.i.f. Atl. ports long-ton. 8.00 - —
Pyrocatchin (see Catechol).

Pyrophyllite, standard, 200 mesh, bulk, c.l., mines ton. 11.00 - 11.50
230 mesh, bulk, c.l., mines ton. 12.00 - —
325 mesh, bulk, c.l., mines ton. 15.00 - —
No. 3, 200 mesh, bulk, c.l., mines, ton. 9.50 - —
insecticide grade, 200 mesh, bgs., c.l., mines ton. 12.00 - 12.50
rubber grade, 140 mesh, bgs., c.l., mines ton. 10.00 - 10.50
Pyrophyllite in paper bgs., $3 to $3.50 per ton extra.
Pyroxylin scrap, opaque, amber, cs., works lb. .17 - —
black, cs., works ..... lb. .14 - —
gray, cs., works ..... lb. .13 - —
mixed, mottled, cs., works lb. .12 - —
white, china, ivory, cs., works. lb. .17 - —
dense, cs., works ..... lb. .16 - —
translucent, pastels, cs., works, lb. .17 - —
transparent, colorless, cs., works, lb. .19 - —
colors, cs., works ..... lb. .17 - —
shavings, opaque, amber, cs., works lb. .14 - —
transparent, mixed, colors, cs., works lb. .14 - —
white, cs., works ..... lb. .17 - —
USP, bots., dlvd ..... lb. 9.54 - —

Q

Quassia chips, bls ..... lb. .08 - .09
Quebracho extract, clarified, grd., 70% tannin, bgs., c.l., lb. .14¾ - .15
liq., 35% tannin, bbls., works. lb. .08 - .08½
tanks, same basis ..... lb. .07½ - —
Quebracho extract, clarified, solid, 64% tannin, bgs., c.l., duty extra lb. .09 - —
powd., 70% tannin, bgs., c.l lb. .15½ - —
ordinary, solid, 63% tannin, bgs., c.l., ex-dock, duty extra lb. .08¾ - —
Quebracho extract prices are based on $20.40 freight and $1 insurance per long ton.
Queen of the meadow root, bgs lb. .14 .15
Quercitron crystals, bbls., l.c.l lb. .33½ —
Extract, liquid, bbls., l.c.l lb. .14½ - —
solid, bxs ..... lb 28 —
Quicksilver, flasks (76 lbs.) net, 100 flask lots flask. 71.00 —
smaller lots ..... flask. 73.00 - 75.00
Quince seed, bgs ..... lb. 90 1.50
Quinidine, NF V, cryst., cns ..... oz. 1.90 —
powd., precip., cns ..... oz. 1.85 —
Sulphate, USP, cns ..... oz. 1.25 - —
Quinine, NF, cns., 100 ozs ..... oz. .70 - —
Bisulphate, USP, cns., 100 ozs. oz. .51 - —
Dihydrochloride, USP ..... oz. 70 - —
Ethylcarbonate, NF, cns., 100 ozs. oz. 73 - —
Hydrobromide, NF, cns., 50-oz. cns. oz. .63 - —
Hydrochloride, USP, cns., 100 ozs. oz. .63 - —
Phosphate, NF, cns., 100 ozs oz. .76 - —
Salicylate, NF, ctns., 100 ozs. oz. .66 - —
Sulphate, USP, cns., 100 ozs oz. 56½ - —
Quinine-urea hydrochloride, NF, cns lb. .68 - —
Quinolin, dms., c.l., works ..... lb. .50¾ - —
l.c.l., works ..... lb. .51¼ - —
tanks, works ..... lb. .50 - —

R

R salt, paste, dry basis, dms. ... lb 70 75
Raspberries, dried, bbls ..... lb. 1.65 - 1.70
Red, alizarin lake, bbls., dlvd. N of Tenn. and N. C., E of Miss. including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb 1.45 2.25
Prices ½c. per lb. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.). (El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. per lb. higher, dlvd. Pacific coast prices equaled with Chicago, dlvd. Denver, Pueblo, Salt Lake City, Wichita
Cadmium, CP, dark shade, bbls., frt. alld., E. of Rockies lb. 3.63 - —
light shade, bbls., same basis, lb. 3.50 - —
medium shade, bbls., same basis lb. 3.60 - —
medium-light shade, bbls., same basis lb. 3.53 - —
orange shade, bbls., same basis lb. 3.15 - —
lithopone, deep shade, bbls., same basis lb. 1.35 - —
light shade, bbls., same basis. lb. 1.20 - —
maroon shade, bbls., same basis lb. 1.43 1.53
medium shade, bbls., same basis lb. 1.30 - —
medium-light shade, bbls., same basis ..... lb. 1.25 - —

3 GOOD REASONS WHY IT ALWAYS PAYS TO USE JAVONELLA

- It's a manufactured article . . . free from the price fluctuations of natural essential oils such as Citronella, Sassafras, etc.
- Its high quality never varies, enabling you to manufacture uniformly dependable products.
- Always lower in cost than the natural oils, particularly now with citronella prices on the rise, its use results in production economies and higher profits without lowering quality standards.

WRITE FOR SAMPLE AND QUOTATION

AROMATIC CHEMICALS • ESSENTIAL OILS • PERFUME OILS • FLAVORS
FELTON CHEMICAL COMPANY, INC.
599 Johnson Ave., Brooklyn 6, N. Y.
BRANCHES IN BOSTON • PHILADELPHIA • LOS ANGELES
ST. LOUIS • CHICAGO • DALLAS • MONTREAL • TORONTO

Red, Cadmium, Lithopone, Orange-Red—Starch

Red, cadmium, lithopone, orange-red shade, bbls., same basis lb. 1.15 - —

Red cadmium lithopone, all shades, in smaller pkgs., 5c. per lb. higher; all prices are 1c. per lb. higher ex whse. Los Angeles and San Francisco.

Carmine, No. 40 (see Carmine).
Crocus martis (see Red, maroon (iron oxide).
Dyes (see Dyes, coaltar).
Eosin toner, bbls., works lb. 1.40 - —
Indian, dom., pure, bgs., Bethlehem, Easton, E. St. Louis, N. Y lb. .11¼ 11¾
Iron oxide, synth., bgs lb. .11½- .11¾
75%-85% copperas oxide, bgs., l.c.l., Bethlehem, Pa., Copley, O.; Easton, Pa.; E. St. Louis lb. .05¼ .09¼
special, high color, all shades lb. .60 - —
Lake C toner alizarin, bbls., works lb. 1.05 —
Lithol toner, bbls., works lb. .65½- .80
Lithol-rubin toner, alizarin lake, bbls., works lb. 1.40 - —
Maroon, alizarin lake, 25%, kgs., works lb. .40 - .43
toner, bbls., works lb. 1.35 1.50
Cadmium, deep, bbls., works lb. 1.20 - —
regular, bbls., works lb 1.10 - —
Iron oxide, bgs., l.c.l., works lb. .04 - —
MNP1 toner, kgs., works lb. 3.25 — —
Maroons in smaller pkgs., 5c. per lb. higher
Mercury oxide, tech., bbls., 10,000 lbs., works lb. 2.00 - —
smaller lots, works lb 2.02 - —
Metallic, bbls., works lb. .02½- .02¾
Oxide (see Red, iron oxide).
Persian gulf, bgs., works lb. 06¾ 07
Para toner, bbls lb. .69½- .80
chlorinated, kgs lb. .95 1.05
concentrated alizarin lake, kgs., works lb 80 - —
Phloxin toner (see Red, eosin toner).
Phosphotungstic, rhodamine Y, kgs., works lb. 4.45 - —
Pink lake, alizarin, bbls., works lb. .20 - .25
Purple lake, kegs lb. 1.35 - —
Rose lake, alizarin, bbls., works lb. .25 .28
Spanish oxide, grade 1, bbls., c.l., ex dock lb. .05½- .05¾
l.c.l., ex dock lb. .05¾- .06
ex whse., New York lb. .06½- —
grade 2, bbls., c.l., ex dock lb. .05¼- .05½
l.c.l., ex dock lb. .05½- .05¾
ex whse., New York lb. .06¼- —
Toluidin toner (MNPT), kgs., works lb. 1.01 - 1.30
Turkey, bbls., works lb. .14½ —
Tuscan, bbls., frt. equald .24½- .25
Venetian, 12½%, bgs., works lb. .0350- —
20%, bgs., works lb. .0360- —
25%, bgs., works lb. .0410- —
30%, bgs., works lb. .0440- —
35%, bgs., works lb. .0465- —
40%, bgs., works lb. .0490- —
Vermilion, Amer., bbls lb. .32 - —
Quicksilver, ctns lb. 3.27 — —
Red Precipitate, NF powd., fib. dms lb. 2.17 2.19
Red saunders wood, powd., bbls lb. .50 - —
Rennin, NF lb. 6.50 - —
Resorcinol, resin grade, dms., c.l., works lb. .71 - —
l.c.l., works lb. .72 - —
tech., dms., c.l., works lb. .74 - —
l.c.l., works lb. .75 - —
USP, cryst., dms., works lb 2.50 - —
powd., dms., works lb 2.70 - —
Monoacetate, NF, dms lb 3.25 3.45
Rhatany root, bgs lb. .15 - .16
Rhubarb root, whole, cs lb. 1.25 - 1.30
powd., bbls lb. 1.40 - 1.45
Riboflavin, USP, bots., dlvd kilo. 125.00 - —
Readily soluble, bots., dlvd kilo. 125.00 - —
Rice bran concentrate, dms., Cedartown, Ga lb. 79 - —
Rochelle salt, USP, gran., powd., dms., 5,000 lbs lb. .27½- —
smaller lots .28 - .33
Rose flowers, pale, bls lb. .35 - .40
Rosemary flowers, bls lb. 1.55 1.65
Leaves, French, bls lb. .12 - .17
Portuguese, bls lb. .07¼- .07½
Spanish, bls lb. .07½- .07¾
Rosin gum (see Naval Stores, Protective Coatings market)
Wood, B, dms., c.l., works 100 lbs. 3.50 - —
FF, dms., c.l., works 100 lbs. 5.30 - —
G, H, I, dms., c.l., works 100 lbs. 5.80 - —
K, dms., c.l., works 100 lbs. 5.90 - —
M, dms., c.l., works 100 lbs. 5.90 - —
N, dms., c.l., works 100 lbs. 5.95 - —
WG, dms., c.l., works 100 lbs. 6.10 - —
WW, dms., c.l., works 100 lbs. 6.25 - —
X, dms., c.l., works 100 lbs. 6.35 - —
Rotenone, CP, bbls., works lb. 20.00 - —
tech., works lb. 16.50 - —
Rottenstone, bgs., c.l., mines ton. 36.00 - —
l.c.l., mines ton. 43.00 - —
Ryania, 100% powd., bgs., works lb. .20 - —
Rue herb, bls lb. .35 .40
Rutin, 10 kilos, fib. dms gram. .03½- .04½
smaller lots, fib. dms gram. .04 - .05

S

Sabadilla seed, powd., bbls lb. .60 - —
activated ground with lime, bbls lb. .35 - .36
Saccharin, USP, gran., soluble, 1,000 lbs lb. 1.50 —
smaller lots lb. 1.60 1.70
powd., soluble insoluble, dms., 1,000-lb. lots lb 1.55 —
smaller lots lb 1.65 1.85
Safflower, Egyptian, bls lb. .75 - .80
Saffron, Mexican, bls lb 95 1.00
Spanish, USP, tins lb. 17.00 -18.00
Safrol, dms lb. .85 .90
Sage, Cyprus, bales lb. .12 - .13
Dalmatian, bls lb. 1.20 - 1.25
Greek, fancy, bls lb. .25 - .26
Spanish, bls lb. .11 - .11½
Sago flour, bgs lb. .05½- .05¾
Saligenin, ctns lb. 14.00 -25.00
Salol, NF, gran., bbls., kgs lb. 1.00 —
fib. dms lb 1.02 1.03
powdered salol 10c higher
Salt, rock, burlap bgs., c.l. 100 lbs. .98 —
l.c.l. 100 lbs. 1.19 1.22
paper bgs., c.l 100 lbs. .86 —
l.c.l. 100 lbs. 1.09 1.12
Table, vacuum, common, fine, bgs., c.l., works 100 lbs. .98 1.08
l.c.l., dlvd 100 lbs. 1.20 1.32
Saltcake, dom., bulk, dlvd, 100% Na_2SO_4 basis ton. 22.00 —
Saltpeter, cryst., bbls. 10 tons. 100 lbs. 13.90 —
smaller lots 100 lbs. 14.15 -14.40
gran., bbls., 20 tons 100 lbs. 9.25 - —
smaller lots 100 lbs. 10.50 -11.00
powd., bbls., 20 tons 100 lbs. 10.25 - —
smaller lots 100 lbs. 11.50 -12.00
NF, gran., dms lb. 15¾- .17¾
Saltpeter in bags, 25c. per 100 lbs. less than in barrels; in kegs, $1 more.
Sandalwood chips, East Indies, bgs., lb. .65 - .66
powd., dms. lb. .75 - .76
Sanguinarine nitrate, bots oz. 4.75 - 5.50
Santonin, NF, cryst., powd., cns. kilo. No stocks.
Saponin No. 1, cns lb. 2.45 —
Sarsaparilla root, dom., bls lb. .30 - .40
Honduras, bls lb 40 45
Mexican, bls lb. .28 - .30
Sassafras bark, ord., bls lb. .35 - .40
select, bls lb. 50 .55
Savory, French, bls lb. .14 - .14½
Spanish, bls lb. .12 - .12½
Saw palmetto berries, bgs lb. 23 24
Scammony resin, lump, cns lb. 1.95 - 2.20
powd., cns. lb. 2.05 - 2.30
Root, bgs lb 11 .14
Schaeffer's salt, bgs lb. .66 - —
Scopolamine hydrobromide, bots oz. 20.50 -24.50
Hydrochloride, bots oz 84.00 —
Seidlitz mixture, bbls., 5,000 lbs lb. .25¾- —
smaller lots lb. .26¼- —
dms., 100 lbs. or less lb. .27¼- .31¼
Selenium, powd., cns. 10-lb. lots lb. 2.10 —
cs., 1,000-lb lots lb. 2.00 —
Senega root, bls lb. 1.55 - 1.65
Senna leaf, Alex., half-leaf, bls lb. .22 - .24
sifting, bgs lb. .19 - .21
Tinnevelly, No. 1, bls lb. .17 - .24
No. 2, bls lb. .14 - .19
No. 3, bls lb. .10 - .11
Pods, bls lb. .12 - .15
powdered, bls., bxs. lb 16 22
Serpentaria root, bls lb. 2.20 Nom.
Sesame seed, Chinese, white, nat., bgs lb. .11 - .11½
hulled, bgs lb. .18 - .18½
Nicaragua, hulled lb. .21 - .24
natural, bgs. lb. .12 - .12¼
Salvadorean lb. .12½- .13
Shellac, bleached, bonedry, bgs., 1,500-lb. lots lb. .51½- —
bbls., 1,500-lb. lots lb. .52 - —
kgs., 1,500-lb. lots lb. .54 - —
refined, bgs., 1,500-lb. lots lb. .61½- —
bbls., 1,500-lb. lots lb. .63 - —
kgs., 1,500-lb. lots lb. .65 - —
bonedry shellac prices for less than 1,500 lbs., 1c. per lb. higher for all packages.
Lemon, No. 1, bgs lb. .43 - .45
No. 2, bgs lb. .40 - .42
Superfine, bgs., 10 bgs lb. .36 - .38
TN, bgs., 10 bgs lb. .35 - .37
Shellac in 1 to 9 bgs., 1c. more.
Silica amorph., dry-grd., 325 mesh, bgs., c.l., Ill. works ton. 20.00 -30.00
l.c.l., works ton. 25.00 -40.00
hard-quartz, 99½%, 325 mesh, bgs., c.l., works ton. 20.00 - —
l.c.l., works ton. 25.00 - —
99½%, 140 mesh, bgs., c.l., works ton. 12.00 - —
l.c.l., works ton. 17.00 - —
Tetrachloride, tech., dms., c.l., works lb. 14½- —
l.c.l., works lb 18½- .20½
Silver bullion, ingots, cs oz. .71¾- —
Cyanide, fib. dms., 2,500-oz. lots. oz. .65¾- —
1,000-oz. lots oz. .65¾- —
500-oz. lots oz. .66¼- —
100-oz. lots oz. .66¾- —
Nitrate, CP, cryst., bots., 2,500-oz. lots oz. .45¾- —
1,000-oz lots oz. .47¼- —
500-oz. lots oz. .47¾- —
250-oz. lots oz. .48¼- —
USP granular silver nitrate, 4c. per oz. higher
Proteinate, mild, USP, bots., dms., 1,000-oz. lots oz. .95 —
strong, NF, bots., dms., 1,000-oz. lots oz .90 - —
Simaruba bark, bls. lb .85 Nom.
Skullcap hero, Eastern, bls lb. .60 65
Western, bls lb. .30 .35
Skunk cabbage root, bls lb. .30 .35
Slate flour, bgs., c.l., works ton. 11.00 -12.00
l.c.l., ex whse ton. 20.00 -60.00
Sloe berries, bgs lb. .32 - .35
Smalt, black, ctns lb. .11½- —
Blue, ctns. lb. .15½- —
Snakeroot, Canada, bls lb. 40 45
Soapbark, bls lb. .22 - .23
crushed, bls., bbls lb. .24 - .25
cut, foreign, bbls lb. .25 - .26
powd., bbls. lb. .29 .30
Soda ash, dense, 58%, paper bgs., c.l., works 100 lbs. 1.35 —
l.c.l., stock points 100 lbs. 2.75 4.52
bbls., c.l., works 100 lbs. 2.00 —
l.c.l., stock points 100 lbs. 3.25 5.02
bulk, c.l., works 100 lbs. 1.10 —
light, 58% paper bgs., c.l., works 100 lbs. 1.25 —
l.c.l., stock points 100 lbs. 2.65 4.42
bbls., c.l., works 100 lbs. 1.90 —
l.c.l., stock points 100 lbs 3.15 4.92
bulk, c.l., works 100 lbs. 1.00 —
Caustic, flake, powd., 76%, dms., c.l., works 100 lbs. 3.45 - —
l.c.l. stock points 100 lbs. 4.80 6.67
liquid, 50%, sellers' tanks, works, dry basis 100 lbs. 2.40 - —
rayon-type, tanks, works, dry basis 100 lbs. 2.40 2.50
70% sellers' tanks, works, dry basis 100 lbs. 2.50 —
rayon-type, tanks, works, dry basis 100 lbs. 2.60 —
solid, 76%, dms., c.l., works 100 lbs. 3.05 - —
l.c.l., stock points 100 lbs. 4.40 6.27
Sal, bgs., c.l., ex car 100 lbs. 1.58 - —
l.c.l., bgs., ex whse 100 lbs. 1.78 - —
Soda-lime, USP, dms lb. .23 .26
Sodium acetate anhyd., dms., works lb. 10 11½
NF, cryst., bbls., works lb. .16 - —
powder, bbls., works lb. .08 .09
Alginate, refined, water soluble, bbls., works lb. .79 - —
semi-refined, bbls., works lb. 46 —
NF, white, powd., dms., works, ton lots lb. 1.25 - —
smaller lots lb 1.30 1.65
Aluminate, 20,000 lbs. or more, bgs 100 lbs. 8.50 - —
under 20,000 lbs., works 100 lbs 9.50 — —
Antimoniate, bbls., c.l., dlvd, E. lb. .23¼- —
l.c.l., dlvd. lb. .24¼- —
Arsenate, dealers, dms., c.l., works, lb. .12 - —
Arsenite, dealers, dms., works lb. 13½ .14¼
solution, dms., works gal. .60 - 1.00
Benzoate, tech., bbls., dms., 100 lbs. or more lb. .39 —
USP, bbls., dms., 100 lbs. or more lb 46 —
Bicarbonate, USP, gran., bgs., c.l., works 100 lbs. 2.35 - —
l.c.l., works 100 lbs 3.00 - —
powd., bgs., c.l., works 100 lbs. 1.95 - —
l.c.l., works 100 lbs 2.60 - —
Bichromate, bgs., works lb. .09¾- .10¾
Sodium bichromate, in drums, ¾c. higher.
Bifluoride, bbls., c.l., works, frt. equald lb. .13¼- —
l.c.l., same basis lb. .13½- —
Bisulphate, bulk, c.l., works 100 lbs. 1.75 - —
dms., c.l., works 100 lbs. 2.40 - —
l.c.l. works 100 lbs. 2.90 - —
Bisulphite, powd., bags, c.l., works 100 lbs. 3.75 - —
l.c.l., works 100 lbs. 4.00 - —
solut. 35° bbls., c.l., works, 100 lbs. 1.10 - —
l.c.l., works 100 lbs. 1.50 - —
Borate (see Borax).
Bromide, USP, bbls., kgs., works lb. .33 - .34
Cacodylate, NF, jars, dms lb. 7.00 - 8.00
Carbonate (see Soda ash, Soda sal. Sodium monohydrate).
USP monohydrate, gran., dms., lb. .05¾- .06¼
Chlorate, cryst., dms., c.l., works, lb. .08 - —
l.c.l., works lb. .08¼- —
powd., kgs., works lb. .09½- —
USP, dms lb. .21 - —
Chloride, tech. (see Salt).
Chlorite, tech., dms. works lb. .75 - —
Chloroacetate, tech., dms., c.l., works lb. .20 - —
l.c.l., dms., works lb. .21 .22
Chromate, dms., works lb. .11½- .12½
Citrate, anhyd, dms. lb. .60 - .65
USP VIII, dms lb. .21½- .26½
USP XIII, gran., dms lb. .28 - .28½
Sodium citrate, USP XIII, powd., prices ½c. higher.
Cyanate, dms., 1,000 lbs., works, lb. 1.10 - —
smaller lots, works lb. 1.25 - —
Cyanide, 96-98%, dms. lb. .16 .18
Diacetate, 33-35% acidity, bbls., works lb. .11½- .12½
anhydrous, dms., works lb. .14 - .15½
Fluoride, white, 90%, bbls., c.l., works lb. .10½- —
l.c.l., works lb. .10¾- .11
95%, bbls., c.l., works lb. .10¾- —
l.c.l., works lb. .11 - —
Fluoracetate, monobasic, 8-oz. tins, 50 to a case, works lb. 12.00 - —
2 to 25 tins to case, works lb. 12.00 -16.50
1 oz. tins, 16 to 64 to case, works lb. 16.50 -21.00
tribasic, ton lots lb. 11.00 - —
Formate, bgs. c.l., dlvd 100 lbs. 7.10 - —
l.c.l. 100 lbs. 8.15 - —
Gluconate, dms. lb. .83 - .85
Glutamate, monobasic, dms., c.l., dlvd lb. 1.53 - —
smaller quantities, dlvd lb. 1.54 - 1.56
Glycerophosphate, NF, flake, bbls. lb. 1.65 - 1.80
powder, bbls. lb. 1.70 - 1.85
solution, 75%, cbys lb. .96 1.06
Hydride, dms., works lb. 2.00 - 3.00
Hydrosulphide (see Sodium, sulphydrate).
Hydrosulphite anhs. c.l. frt. alld. lb. .21 - —
l.c.l., frt. alld lb. .21½- .23½
Hydroxide, tech. (see Soda, caustic).
USP, pellets, dms lb. .23 —
Hypophosphite, NF, ton lots and less, dms lb. .85 - 88
Hyposulphite, tech., cryst., bgs., c.l., works, frt. equald 100 lbs. 3.50 - —
l.c.l., same basis 100 lbs. 3.90 - —
pea cryst., bgs., metro area 100 lbs. 3.75 - —
Soda, hyposulphite, crystals in bbls., 40c higher; pea crystals, dms., 50c. higher.
USP (see Sodium thiosulphate).
Iodide, USP, bots., dms lb. 2.47 - 2.59
Lactate, edible, 50%, dms., cbys., works lb. .19 - —
60%, dms., cbys., works lb. .24 - —
tech., 50%, dms., cbys., works, lb. .13 - .14
Metaborate, octa-hydrate, gran., bgs., c.l., works ton. 73.00 - —
l.c.l., works ton. 118 00 -123.00
tetrahydrate, c.l., bbls., works, ton. 184.50 —
Sodium metaborate in bbls. $20 per ton higher.
Metal, tanks, works lb. .16 - —
bricks, dms., works lb. .17 - .18
Metanilate, bgs. lb. 57 —
Metasilicate, anhyd., dms., c.l. 100 lbs. 4.25 - —
l.c.l., dms., works 100 lbs. 5.75 - —
pentahydrate, bgs., c.l., works, 100 lbs. 3.25 - —
l.c.l., bgs., works 100 lbs. 4.60 - —
bbls., c.l., works 100 lbs. 3.65 - —
l.c.l., bbls., works 100 lbs. 5.00 - —
Molybdate, anhyd., works lb. .54 - —
Monohydrate, bgs., c.l., works 100 lbs. 2.00 - —
l.c.l., works 100 lbs. 2.45 - —
Naphthionate, bbls lb 60 .65
Nitrate, crude, dom., bgs., c.l., works ton. 48.50 - —
bulk, c.l., works lb. 45.00 - —
imp., 100-lb. bgs., c.l., Atl Gulf, Pac. whse ton. 51.50 - —
bulk, c.l., same basis ton. 48.00 - —
USP, dms lb. .21 - —
Nitrite, 90%, bbls., c.l., works, frt. equald lb. .06¾ —
West coast ports 100 lbs. 8.00 8.05
bulk, c.l., dlvd 100 lbs. 8.90 -11.00
Orthosilicate, anhyd., dms., c.l., works 100 lbs. 5.25 - —
l.c.l., same basis 100 lbs. 5.55 7.10
Oxalate, neut., bgs., works lb. .09½- —
Para-aminobenzoate, dms., 1,000 lbs. or more lb 3.50 - —
smaller lots lb. 3.65 - —
Para-aminosalicylate, dms., 1,000 lbs. or more lb. 6.00 - —
smaller lots lb. 6.05 - 7.00
Pentachlorophenate, briquets, bgs., c.l., works, frt. equald lb. .21½- —
l.c.l., same basis lb .22½ .24½
pellets, bgs., c.l., same basis lb. .21 - —
l.c.l., same basis lb. .22 .24
powd., bgs., c.l., same basis lb. .20 - —
l.c.l., same basis lb. .21 .23
Truckloads of pentachlorophenate of 20,000 lbs. min. available at ¼c. per lb. over carlot prices.
Perborate, USP, tech., bbls., c.l., works lb. .18¾- —
l.c.l., works lb .19¼- —
Peroxide, dms., c.l., dlvd, E. of Miss lb. .18 - —
l.c.l., same basis lb. .18½- .19
Phenolsulphonate, USP IX, gran., ums lb. .38 - .39
powd., dms. lb. .41 .42
Phosphate, dibasic, anhydr, bgs., c.l., works 100 lbs. 6.75 7.00
l.c.l., works 100 lbs. 7.25 7.50
cryst., ngs., c.l. works, 100 lbs. 3.35 3.60
l.c.l., works 100 lbs. 3.75 4.00
USP, dried, powd., dms., works lb. .30 .30½
monobasic, anhyd., bgs., c.l., works 100 lbs. 10.00 —
l.c.l., works 100 lbs. 12.85 —
tribasic, cryst., bgs., c.l., wks., frt. equald 100 lbs. 3.75 - —
l.c.l., same basis 100 lbs. 4.25 — —
Sodium phosphates in bbls., 40c. higher than bgs.
USP (see Sodium phosphate dibasic).
Prussiate, yellow, bgs lb. .12½- —
Pyrophosphate, acid, bgs., c.l., works, frt. equald 100 lbs. 10.50 - —
ferric, dms., 1,500 lbs., works, lb. .30 - —
smaller lots, works lb. .31 - —
tetrabasic, anhyd., bgs., c.l., works, frt. equald 100 lbs. 6.90 - —
l.c.l., frt. equald 100 lbs. 7.40 - —
Ricinoleate, tech., bbls. lb. No stocks.
Salicylate, USP, dms lb. .59 - .62
Sesquicarbonate, bgs., c.l., works, 100 lbs. 1.95 - —
l.c.l., dlvd. zone 1 100 lbs. 3.70 - 4.10
zone 2 100 lbs. 3.96 4.36
zone 3 100 lbs. 4.25 4.65
zone 4 100 lbs. 4.96 5.35
Sales zones are: (1) All States E. of Miss. R. and N. of south bound of Ky. and Va.; Ala., La., and Miss., south of 31° Tex. E. of 100°; S. of 31° Fla.; also Me., N. H., and Vt., in which there are special county zones; Davenport, Ia., and St. Louis; (2) Ark. E. of 98° Ga.; Iowa (except Davenport), Minn.; Mo. (except St. Louis), Neb., E. of 98°, N. C., S. C., Tenn. and Tex. N. of 31° and E. of 100° (except Wichita Falls); also Ala., La and Miss. No of 31°; (3) Ark. W of 96°, Kan., Neb. W of 99°; N. D., Okla., S. D., Tex., W. of 100° (including Wichita Falls excluding El Paso); (4) Ariz., Colo., Idaho, Mont., Nev., N. M., Utah, Wyo., and El Paso, Tex.
bbls., c.l. works 100 lbs. 2.45 —
Sesquisilicate, bbls., c.l., works, 100 lbs. 4.15 - —
l.c.l. dlvd 100 lbs 5.40 5.65
Silicate, 40°, turbid., dms., c.l., works 100 lbs. 1.05 —
l.c.l., works 100 lbs 1.25 1.35
tanks works ton 16.00 17.00
52°, turbid. dms., c.l., works 100 lbs. 1.80 —
l.c.l., works 100 lbs. 2.05 - 2.15
tanks works ton 32.00 —
Silicofluoride, bbls., c.l., works lb. .04½- —
l.c.l., works lb. .049 —
Stannate dms., works, frt. alld E. lb. .443 - .508
Stearate, USP, anhyd., bbls., works lb. .51 - .56
Sulphanilate, bbls., works lb. .22 - —
Sulphate, NF VII dried, gran., dms lb. .20 23
tech. annyd. ogs. c.l. works 100 lbs. 2.00 - —
l.c.l., works 100 lbs 2.35 2.60
cryst (see Glauber's salt)
USP, cryst., bbls lb. .17 .19
gran., bbls. lb. .15½- .17¼
Sulphide, flake, bbls., c.l., works frt. equald 100 lbs. 4.50 —
l.c.l., same basis 100 lbs 5.00 5.25
fused, bbls., c.l., works, frt. equald 100 lbs 4.00 —
l.c.l. same basis 100 lbs. 4.50 4.75
Sulphite, anhyd., by-product, powd., bgs., c.l., frt. equald 100 lbs. 2.50 2.75
l.c.l., same basis 100 lbs. 3.25 - 3.75
regular, powd., bbls., c.l., works 100 lbs. 6.50 - —
l.c.l., same basis 100 lbs. 7.00 - —
crystals, bgs., c.l., works 100 lbs. 3.60 - —
l.c.l., works 100 lbs 4.00 - —
bbls., c.l., works 100 lbs 4.00 - —
l.c.l., works 100 lbs. 4.40 - —
Sulphocyanide, CP (see Sodium thiocyanate).
Sulphoricinoleate, bbls. lb. .51 - .61
Sulphydrate, flake, 70-72%, dms., c.l lb. .05¾- —
l.c.l., works lb 06¼ - —
liquid, 45% basis 100%, tanks, works ton. 90 00 —
Thiocyanate, CP, dms lb. .55 .65
tech., dms. works lb .30 -
Thiosulphate, tech. (see Sodium hyposulphite).
USP cryst., bbls lb .10 .12
Titanate, ctns., c.l., works lb. .10 - —
5 tons, works lb 10¼ —
1 ton or less, works lb. 10½- .11
Trichloroacetate, dms. lb. .46 - .55
Tripolyphosphate, bgs., c.l., works, frt. equald 100 lbs. 7.25 - —
l.c.l., same basis 100 lbs. 7.65 - —
Tungstate, tech., kgs., dlvd, East lb. 1.10 - —
Sodium-ammonium phosphate, bbls., works, frt. equald lb .23 —
Sodium carboxymethylcellulose—See CMC
Sodium-Cinchophen (see Cinchophen-sodium).
Sodium-formaldehyde sulfoxylate dlvd., dms lb. .22 22½
Sodium-sulpha drugs (see Sulpha name)
Sodium-titanium fluoride, fib. dms. c.l., works lb 16½ —
l.c.l., works lb 17½ .20
Sodium-zirconyl sulphate, fiber ams. 1,000 lbs. or more, works lb .28 —
less 1,000 lbs. same basis lb .30 —
Solvent naphtha, coaltar, tanks, works gal. .25 .3235
high-flash, tanks, works gal. .25 .3235
Petroleum, 100° F., flash, tanks, Baytown, Tex gal. .25 —
150 F flash tanks same basis gal. .25 —
Sorbitol, cryst. pellets, dms., c.l., works lb .30 —
ton lots to 5 tons, works, lb. .32 .33
powd., dms., ton lots to 5 tons, works lb. .38 .39
solution, commercial, aqueous, dms., c.l., works lb. .22¼- —
ton lots, works lb. .23¼- —
less ton lots, works lb. .24 - —
tanks, works lb. .21½- —
regular, 70%, aqueous, dms., c.l., works lb. .16¼- —
ton lots, works lb. .17 - —
less ton lots, works lb. .17½- —
tanks, works lb. .15½- —
Soybean meal, 41% bulk, Decatur ton. 68.00 - —
50%, same basis ton. 78.50 - —
protein, chemically isolated, 40,000 lbs., works lb. .20 - —
20,000 lbs., works lb. .20¼- —
smaller lots, works lb. .20½- .24
mechanically refined, bgs., 40,000 lbs., works lb. .0575- —
20,000 lbs., works lb. .0590- —
smaller lots, works lb. .0605- —
Sparteine sulphate, cns oz. .85 1.25
Spearmint leaves, bls lb. .52 .55
Spikenard root, bls lb 40 45
Spruce extract, liq., reg., tanks, works lb. 01¾ —
powd., super, bgs., c.l., works lb 05¼ —
Squaw vine, leaves, bls lb. .33 .38
Squill, red, fortified, powd., bbls. boxes lb. 1.50 1.60
White, bls. lb. .11 .13
powd., bbls., bxs lb. .16 .18
St. Ignatius beans, bgs lb No stocks.
St. John's bread, edible, bls lb. .13 - .16
Stainless steel flake, dry, dms., works lb. 1.50 —
paste, dms., works lb. 1.25 —
Stannous chloride (see Tin chloride, stannous).
Star root (see Helonias root)
Stargrass root (see Aletris root)
Starch, corn, pearl, paper bgs., c.l., 100 lbs. 5.62 - —
Chicago 100 lbs. 4.97 - —
l.c.l. 100 lbs. 5.77 - —
powd., paper bgs., c.l. 100 lbs. 5.73 - —
Chicago 100 lbs. 4.88 - —
l.c.l. 100 lbs. 5.88 - —
Prices for corn starch in cotton bags, 12c. to 15c. per 100 lbs. higher.
Potato, Idaho, bgs., c.l., works lb. .05 - —
l.c.l., spot lb. .07¼- —
Maine, bgs., c.l., works lb. .05 - —
l.c.l., spot lb. .07 - —
Rice, bgs lb. .12½- —
Sweetpotato, bgs., c.l. lb. No stocks.
Wheat, bgs. lb. .0606- .0626

Stavesacre seed, bgs	lb.	.60	- .61
Stearin, oleo (see Oleostearin).			
Stillingia root, bls.	lb.	.33	- .38
Stoneroot, bls.	lb.	.07½	- .08
Storax, USP, cs.	lb.	1.50	- 1.60
Stramonium leaves, bgs.	lb.	.19	- .20
Seed, bgs.	lb.	.20	- .21
Streptomycin, hospitals, vials	gram.	.60	- —
wholesalers, vials	gram.	.48	- —
Strontium bromide, NF, cns., dms.,	lb	62	—
Carbonate, 90%, dms.	lb.	.15½	- .16½
Chloride, tech., bbls.	lb.	22	- .24
Chromate, bbls., works	lb.	.50	- —
Iodide, jars, 25 lbs	lb	3.60	- —
Nitrate, bbls., c.l., works	lb	09½	- —
l.c.l., works	lb.	10¼	- —
Oxalate, bbls., works	lb.	.42	- .44
Salicylate, NF, dms	lb.	1.25	1.32
Sulphate air-floated, 90% 325 mesh, bgs., works	ton.	56.70	-66.15
Strontium-calcium sulphide, phosphorescent, dms., works	lb	2.50	2.85
Strophanthin, NF, bots.	oz.	39.00	—
Strophanthus seed, Kombe, bgs	lb	3.00	3.25
Strychnine, NF, powd., cns., 100 ozs.	oz.	1.25	- —
Phosphate, NF, 100 ozs.	oz.	1.14	- —
Sulphate USP, powd., cns., 100 ozs	oz.	1.00	- —
Styrene, monomer, tanks, works	lb.	.15	- —
Styrolyl acetate, bots.	lb	2.50	3.10
Sucrose octa-acetate, benat., bbls., l.c.l., works	lb	.60	- —
tech., bbls., l.c.l., works	lb	.55	- —
Sugar coloring (see Caramel coloring)			
Sugar of milk (see Milk sugar)			
Sulphabenzamide, dms.	lb.	4.25	- 4.60
Sulphabenzamide-sodium, dms.	lb	4.25	- 4.60
Sulphadiazin, USP, crystals, free flowing, dms	lb.	11.25	-11.75
microcrystals, 99%, not over 10 microns, dms	lb.	10.50	-11.00
powder	lb.	10.25	-10.75
Sulphadiazin-sodium, USP, granules, free flowing, dms	lb.	12.25	-12.75
powder	lb.	11.25	-11.75
Sulphaguanidin, USP, dms.	lb.	4.50	- 5.00
Sulphamerazin, USP, micro crystals, 99.9%, not over 10 microns, dms	lb.	10.55	-11.05
powder, dms.	lb.	10.25	-10.75
Sulphamerazin-sodium, USP, dms.,	lb.	11.25	-11.75
Sulphamethazine, micro crystals	lb.	8.80	- 9.30
powder	lb.	8.50	- 9.00
Sulphanilamide, USP, crystals, free flowing	lb.	1.40	- 1.60
microcrystals	lb.	1.55	- 1.75
powder	lb.	1.30	- 1.50
Sulphanilamidoquinoxaline, veterinary, dms	lb.	9.00	9.25
Sulphapyridin, NF, powd., bots., tins,	lb.	7.00	7.50
Sulphapyridin-sodium, powd., bots., dms	lb.	7.50	- 8.00
Sulphathiazole, USP, crystals, free flowing	lb.	3.50	- 4.00
micro crystals, 99.9%, not over 10 microns, dms	lb.	3.25	- 3.55
powder, dms.	lb.	3.00	- 3.30
Sulphathiazole-sodium, USP, dms.,	lb.	3.00	- 3.30
Sulphur, com'l, rubbermakers, bgs., c.l., works	100 lbs.	1.75	- —
l.c.l., works	100 lbs.	2.10	- 2.45
crude, c.l., bulk, mines, contract	long ton.	18.00	- —
vessel f.o.b. Gulf ports, export,	long ton.	22.00	- —
f.o.b. ship for domestic and Canada	long ton.	19.50	- —
flour, com'l, 90½%, bgs., c.l., works	100 lbs.	1.60	- —
l.c.l., works	100 lbs.	1.95	2.30
precipitated, USP, bbls., kgs	lb	.27	.29
refined, flour, light refined, USP, bgs., c.l., works	100 lbs.	3.00	- —
l.c.l., works	100 lbs.	3.35	3.70
heavy, bgs., c.l., works	100 lbs.	2.80	—
l.c.l., works	100 lbs.	3.15	3.50
flowers, USP, bgs., c.l., works	100 lbs.	3.85	- —
l.c.l., works	100 lbs.	4.20	4.60
Sulphur flowers in bbls., 75c. higher			
rock, bgs., c.l., works	100 lbs.	2.40	—
l.c.l., works	100 lbs.	2.75	3.10
rolls, bgs., c.l., works	100 lbs.	2.70	—
l.c.l., works	100 lbs.	3.05	3.70
rubbermakers' bgs., c.l., works.	100 lbs.	2.35	—
l.c.l., bgs., works	100 lbs.	2.70	3.05
Chloride, 55-gal. dms., c.l., works.	lb.	.03¼	- —
l.c.l., works	lb.	.04¼	- —
10-gal. dms., l.c.l., works	lb.	.03¼	- —
Dioxide, liquid, com'l, cyls., works	lb.	.09	- —
multi-unit cars, works	lb.	.0535	- —
dlvd	lb.	.18	- —
tanks, works	lb.	.045	- —
refrigeration, cyls., l.c.l.,			
Sumac bark, 28%, grd., bgs., ex dock	ton.	65.00	-66.00
Extract, No. 1, bbls., 25%	lb.	.10½	- —
No. 2, bbls., 25%	lb.	.09	- —
crystals, bbls.	lb.	.40	- —
stainless, bbls.	lb.	.14½	- —
Leaf, 25% grd., bgs., ex-dock,	ton.	67.00	-68.00
Superphosphate run-of-pile, under 22% a.p.a. pulv., bulk.			
Balto.	unit-ton.	.76	- —
Carteret, N. J.	unit-ton.	.73	- —
triple, 48% or more, a.p.a., pulv., bulk, East Tampa, Fla.	unit-ton.	.80	- —

Prices on 48% triple superphosphate in other states and D. C. are per unit-ton plus frt. charges from E. Tampa, Fla. Superphosphate, gran., 2c. per unit-ton higher than pulverized.

Sweet basil, imported, bls.	lb.	.95	- 1.00

T

Talc, dom., ordinary, grd., Calif., bgs., c.l., works	ton.	25.00	-35.00
Vermont, bgs., c.l., works	ton.	14.00	- —
l.c.l., works	ton.	17.50	- —
fibrous, New York, off-color, grd., bgs., c.l., works	ton.	24.00	- —
l.c.l.	ton.	26.50	-28.00
98.5-99.5%, 325 mesh, bgs., c.l., works	ton.	23.00	-28.00
l.c.l., works	ton.	25.00	-32.00
imp., Canada, grd., bgs., c.l., mines	ton.	12.50	-35.00
Tallow, inedible, extra, loose, c.l., dlvd	lb.	.06¼	- —
fancy, loose, same basis	lb.	.06⅜	- —
special, loose, same basis	lb.	.05⅞	- —
sulphonated, 25%, dms.	lb.	.06	- .06½
50%, dms.	lb.	08½	- .09
Tamarind, W. I., bbls	lb.	.10	- .13
kegs	keg.	10.00	- —
Tankage, animal, feeding, 9-11% ammon., bulk.	unit-ton.	7.25	- —
Chicago	unit-ton.	8.25	- —
fertilizer, 9% ammon., 10% b.p.l., Chicago	unit-ton.	No stocks.	
10-11% ammon., 15% b.p.l., bulk.	unit-ton.	No stocks.	
Tansy leaves, bls.	lb.	.24	- .30
Tapioca flour, high grade, bgs.	lb.	.08	- .08½
medium grades, bgs.	lb.	.07¼	- .07½
low grades, bgs.	lb.	.06	- .07
Java, bgs.	lb.	No stocks.	

Tar acid oil, 15-18%, dms., c.l., frt. equald.	gal.	.41	- —
l.c.l., same basis	gal.	.44	- —
tanks, same basis	gal.	.33	- —
25-28%, dms., c.l., works	gal.	.48	- —
l.c.l., same basis	gal.	.51	- —
tanks, same basis	gal.	.40	- —
50-53%, dms., c.l., same basis,	gal.	.58	- —
l.c.l., same basis	gal.	.61	- —
tanks, same basis	gal.	.50	- —
Tar, coal (see Coaltar).			
Pine (see Pinetar).			
Tara pods, bgs., c.l., ex dock U. S. ports	long ton.	No prices.	
powd., bgs., c.l., same basis	long ton.	225.00	Nom.
Tarragon herb, bgs	lb.	.45	- .50
Leaves, bgs.	lb.	.75	- .80
Tartar emetic, tech., gran. or powd., bbls., kgs.	lb.	.46	- —
dms.	lb.	.47	- .51
USP, powd., bbls., dms., kgs.	lb.	.51	- .54
Terpin hydrate, com'l, bbls., c.l.	lb.	.24½	- —
l.c.l.	lb.	.25	- .25½
NF, cryst., bbls., dms.	lb.	.75	- —
powd., bbls., dms.	lb.	80	- —
Terpineol, Alpha (see A).			
com'l, dms., c.l., South	lb.	.13½	- —
l.c.l., South	lb.	.14	- —
tanks, South	lb.	.13	- —
prime, dms.	lb.	.33	- .60
Terpinglycol ether, dms., c.l., works,	lb.	.19½	- —
l.c.l., works	lb.	.20	- —
tanks, works	lb.	.19	- —
Terpinyl acetate, extra, cns., dms	lb.	.60	- 1.03
prime, cns., dms.	lb.	.33	- .35
Terra alba (see Gypsum).			
Testosterone, USP, 100 gms.	gm.	3.75	- —
Propionate, USP., 100 gms.	gm.	3.75	- —
Tetrachloroethane, dms., works	lb.	.08	- .08½
Tetrachloroethylene, USP, 55-gal. dms., works	lb.	.20½	- .21½
smaller dms., works	lb.	.23½	- .25
tech. (see Perchloroethylene).			
Tetraethyl orthosilicate, dms., works.	lb.	.70	- —
Pyrophosphate, 40% cns., dms., works	lb.	.65	- 70
Tetraethylenepentamine, dms., c.l., works	lb.	.51½	- —
l.c.l., works	lb.	.52	- —
tanks	lb.	.50	- —
Tetrapotassium phosphate (see Potassium phosphate).			
Tetrasodium pyrophosphate (see Sodium pyrophosphate).			
Thallium metal, dlvd.	lb.	12.50	-15.00
sulphate, 99%, bots., dlvd.	lb.	10.50	-13.00
Theobromine, fib. dms.	lb.	4.50	- 4.55
Salicylate, fib. dms.	lb.	4.00	- 4.05
with sodium acetate, USP, dms.	lb.	3.65	- 3.70
Sodio-salicylate, fib. dms.	lb.	2.90	- 2.95
Theophylline, USP, 100-lb. dms.	lb.	5.50	- —
Thiamine hydrochloride, USP, bots., 100 grams	kilo.	160.00	—
Mononitrate, bots., 100 grams	kilo.	160.00	- —
Thiocarbanilide, dms.	lb.	.34	.35
Thiodiphenylamine (see Phenothiazine).			
Thiouracil, dms., works	lb	5.50	5.60
Thiourea, tech., dms., c.l., works	lb.	.42	- —
l.c.l., works	lb	44	—
Thorium nitrate, cs., works	lb	3.50	—
Threonine, dextro-laevo, 100 grams		115.00	—
Thyme, French, bgs.	lb.	.15	- .15½
Spanish, bls.	lb.	.08½	- .09
Thymol, USP, kgs	lb.	3.50	- —
Iodide, NF, dms.	lb.	6.60	- 6.70
Timbo root (see Cube root).			

Stavesacre Seed—Tolidin Base

Tin chloride (stannous), anhyd., dms., works	lb.	.7122-	.7228
Crystals, hydrous, bgs., bbls., works	lb.	.58½	- —
Metal	lb.	.77	- —
Oxide, bbls.	lb.	.83	- .84
Sulphate, stannous, bbls., kgs., works	lb.	.8309-	.8509
Tetrachloride, anhyd., dms., works	lb.	.47½	- .48½
Titanium dioxide, anatase, ceramic, bgs., c.l., dlvd.	lb.	.19½	- —
l.c.l., dlvd	lb.	.20	.20½
chalk-resistant, bgs., c.l., dlvd.	lb.	.19½	- —
l.c.l., dlvd	lb.	.20	.20½
plain, bgs., c.l., dlvd	lb.	.19½	- —
l.c.l., dlvd	lb.	.20	.20½
rutile, natural, granular, bgs., c.l., works	lb.	.05	- —
5-ton lots, works	lb.	.05¼	- —
milled, bgs., c.l., works	lb.	.05¼	- —
5-ton lots, works	lb.	.05½	- —
nonchalking, bgs., c.l., dlvd. E.	lb.	.21½	- —
l.c.l., dlvd. E	lb.	.22	.22½
Hydride, cns., works	lb	7.00	8.00
Pigment, calcium-rutile, base, bgs., c.l., dlvd	lb.	.07½	07¾
l.c.l., dlvd	lb	08	08¾

Titanium dioxide and pigment in bbls., ¼c. higher; Pac. coast c.l., dlvd., l.c.l. ex whse. ½c. higher

Tetrachloride, CP, 55 gal. dms	lb.	.57	.58
smaller pkgs., works	lb.	.65	1.22
technical, 5-gal. dms., works	lb.	.52	—
smaller pkgs., works	lb	40	1.00
Tolu balsam, cns., dms.	lb.	2.95	- 3.10
Toluene (see Toluol).			
Tolidin base, distilled, kgs.	lb.	1.10	- —

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Nytron • Ammonium Bicarbonate • Para-dichlorobenzene • Ortho-dichlorobenzene • Monochlorobenzene • Methanol • Ammonium Chloride • Formaldehyde

Toluol—Vitamin A, Natural

Toluol, coaltar, industrial and nitration, tanks, works:—
- Bethlehem, Pa ..... gal. .23½- —
- Birmingham dist ..... gal. .22¼- —
- Chicago district ..... gal. .24½- —
- Cleveland district ..... gal. .24¾- —
- Dangerfield, Tex ..... gal. .24½- —
- Geneva, Utah ..... gal. 19 - —
- Hamilton, Ohio ..... gal. .24 - —
- Johnstown, Pa ..... gal. .22 - —
- Lackawanna, N. Y ..... gal. .25 - —
- Philadelphia, Pa ..... gal. .25½- —
- Pittsburgh district ..... gal. .22 - —
- Sparrow's Point, Md ..... gal. .23½- —
- St. Louis, Mo ..... gal. .27 - —
- Syracuse, N. Y ..... gal. .22½- —
- Terre Haute, Ind ..... gal. .25½- —
- Wyandotte, Mich ..... gal. .25 - —
- Youngstown, Ohio ..... gal. .22½- —

Petroleum, industrial, 2°, tanks, works—
- Albany, N. Y ..... gal. .28 - —
- Bayonne, N. J ..... gal. .28 - —
- Baytown, Tex ..... gal. 25 - —
- Chicago, Ill ..... gal. .27 - —
- Detroit, Mich ..... gal. .28 - —
- Philadelphia, Pa ..... gal. .28 - —
- Providence, R. I ..... gal. .28 - —
- Wood River, Ill ..... gal. .25 - —

Tonga, 50% bark and vine, bls. ..... lb. 80 - 95

Tonka beans, Angostura, cks ..... lb. 1.75 - 1.80
- Brazilian, cs ..... lb. 1.00 - 1.15
- Surinam, cs. ..... lb. 1.00 - 1.15

Toxaphene, dms., works, c.l ..... lb. .20 —
- truckloads, works ..... lb. .20 - —
- ton to truckloads, works ..... lb. .23 - —
- less than tons, works ..... lb. .26 - —

Totaquine, USP, 100-oz. lots ..... oz. .42 - —

Triacetin, dms., divd ..... lb. .35¼ —

Tributyl citrate, dms. ..... lb. .41 - .43
- smaller containers ..... lb. .46 - .52

Phosphate, dms., c.l., frt. alld ..... lb. .56½- —
- l.c.l. ..... lb. .57½- —
- smaller containers ..... lb. 71 - —

Tributylamine, oms., c.l. works ..... lb. .78 - —
- l.c.l., works ..... lb. .81 - —

Trichlorbenzene, dms., c.l., works, frt. alld. or equald ..... lb. .10 - —
- l.c.l. ..... lb .11 - —
- tanks ..... lb. .08½- —

Trichlorethane, dms., c.l., works ..... lb. .13 - —
- l.c.l., works ..... lb. .13½- —
- tanks, works ..... lb. .11½- —

Trichloroethylene, dms., c.l., or truckload, works, frt. equald. ..... lb. .10¾- —
- l.c.l., same basis ..... lb. .11 - —
- tanks, same basis ..... lb. .09¾- —

Trichloroethylene, tanks, frt. alld., zone 1 ..... lb. .10½- —
- Zone 2 ..... lb. .11 - —
- Zone 3 ..... lb. .11½- —
- Zone 4 ..... lb. .11½- —

Trichloroethylene, frt. alld., dm., c.l., prices ½c. higher, l.c.l., 1¼c. higher. Zones are—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., N. J., N. H., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis., Omaha, K. C., Kan.; (2) Ala., Ark., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont., (E) N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.

Tricholine citrate, 65% solut., ret., cbys., works, frt. adjusted ..... lb. 2.15 - —

Tricresyl phosphate, coaltar, dms., c.l., divd ..... lb. .30½- —
- l.c.l., divd. ..... lb. .31 - —
- tanks, divd. ..... lb. .29 - —
- petroleum, dms., c.l., divd ..... lb. .30½- —
- l.c.l., divd. ..... lb. .31 - —
- tanks, divd. ..... lb. 29 - —

Triethanolamine, dms., c.l., frt. alld. E ..... lb. .23 - —
- l.c.l., same basis ..... lb. .24 - —
- tanks, same basis ..... lb. .21½- —

Triethylamine, dms., c.l., works, frt. alld ..... lb. .31½- —
- l.c.l., same basis ..... lb. .32½- —
- tanks, same basis ..... lb. .30 - —

Triethyl citrate, dms ..... lb. .34 - .36
- smaller containers ..... lb. .39 - .45

Phosphate, dms., works, c.l ..... lb. .38 - —
- dms., l.c.l., same basis ..... lb. .39 - —
- tanks, same basis ..... lb. .37 - —

Triethyleneglycol, dms., c.l., frt. alld., E ..... lb. .20½- —
- l.c.l., same basis ..... lb. .21½- —
- tanks, same basis ..... lb. .19 - —

Triethylenetetramine, dms., c.l., works ..... lb. .51½- —
- l.c.l., works ..... lb. .52 - —
- tanks ..... lb. .50 - —

Trimethylamine, 25%-40%, dms., c.l., works, frt. equald., basis 100% ..... lb. .38 - —
- l.c.l., works, frt. alld., basis 100% ..... lb. .38½- —
- tanks, works, frt. equald., basis 100% ..... lb. .33 - —

Trimethylhexanol, dms., c.l., works. ..... lb. .29½- —
- l.c.l., works ..... lb. .30 - —
- tanks, works ..... lb. .28 - —

Tripentaerythritol, bgs., l.c.l., works ..... lb .38 —

Triphenyl phosphate, bbls., c.l., frt equald ..... lb. .32 - —
- l.c.l., frt. equald ..... lb. .33 - —

Triphenylguanidine obls., works lb .90 —

Tripoli, air-floated, bgs., c.l., works. ..... lb. .017½- —
- double-grd., bgs., c.l., works ..... lb. .016 - —
- single-grd., bgs., c.l., works ..... lb. .015 - —

Trisodium fluoroacetate (see sodium fluoroacetate tribasic).

Trisodium phosphate (see Sodium phosphate, tribasic).

Trypsin, 1:25, dms., works ..... lb. 2.30 - —
- 1:50, dms., works ..... lb. 4.25 - —
- 1:75, dms., works ..... lb. 5.50 - —
- 1:100, fib. dms., works ..... lb. 5.50 - —

Tryptophane dextro-laevo, fib. ctns. works kilo. 207.00 - 242.00

Tuba root (see Cube root).

Tungsten metal powd., 99.9%, dms. works lb. 4.75 - —
- Oxide, kgs., works ..... lb. 2.85 - —

Turmeric root, Alleppey, bgs, afloat. ..... lb. .35 - .35¼
- Haitian, bgs ..... lb. No stocks.
- Jamaica, bgs., afloat ..... lb. .10 - .10½
- Madras, bgs. ..... lb. .16½- .17

Turpentine, gum (see Naval Stores Protective Coatings market).
- Sulphate, ret. dms., East ..... gal. .23 —
- Wood, dest.-dist., dms., incl., c.l., works, South ..... gal. .40 - —
- l.c.l., same basis ..... gal. .41 - —
- N. Y. whse ..... gal. .47 - —
- tanks, works, South ..... gal. 27½- —
- steam-dist. dms. incl., c.l., works ..... gal. .50 - —
- l.c.l., works, South ..... gal. 56 - —
- ex whse., NYC ..... gal. 64 - —
- tanks, works ..... gal. .34 - —

Tyrothricin, bots. ..... gram 1.00 - 1.10

U

Urethane, USP, dms ..... lb. 1.25 - —

Unicorn root, false (see Helonias root). True (see Aletris root).

Uranium oxide, black, bgs ..... lb. 2.55 - —
- yellow, kgs. ..... lb 1.65 —

Urea, dom. 46% N, bgs., c.l., wks. ..... lb .04¼- —
- l.c.l., works ..... lb. .05 - —
- fertilizer compound, 42% N, bulk, c.l., 30 tons, frt. alld. Kan., Neb., N Dak., Okla., S Dak., Tex and east ton. 94.00 - —
- bulk, distributors, c.l., 40 tons, frt. alld. Colo., Mont., Wyo., and west ton. 103.58 - —
- 30 tons, frt. alld. Kan., Neb., N. Dak., Okla., S. Dak., Tex., and east ton. 98.00 - —
- 40 tons, distributors, frt. dld Colo., Mont., Wyo., and west ton. 107.15 - —

Urea-ammonia liquor, A and B grades, N basis, Belle, W. Va ton. 125.00 - —
- C and D grades, same basis, to 123.50 —
- 37 grade, same basis ..... ton. 147.50 - —

Uva ursi leaves, bls ..... lb .10 .14

V

Valerian root, Belgian, NF, bls lb. .40 - .45

Valine, dextro-laevo, dms., works lb. 22.50 - 27.50

Valonia beards, bgs., ex dock ton. No sales.
- Cups, bgs., ex dock ..... ton. 52.00 - —
- Extract, powd., bgs., ex dock, duty extra lb. .14 - —

Vanadium pentoxide, CP, bgs., cns., works lb 7.00 —
- tech., dms., works lb 1.00 1.06

Vanilla beans, Bourbon, tins ..... lb. 4.75 - 5.25
- Mexican, cuts, tins ..... lb. 6.25 - 6.50
- whole, tins ..... lb. 7.50 - 7.75
- Tahiti, cs ..... lb. 2.75 - 3.25

Vanillin, ex eugenol, tins, 25 lbs lb 4.00 —
- smaller lots ..... lb 4.05 —
- ex guaicol, tins, 25 lbs ..... lb. 3.00 —
- smaller lots ..... lb 3.05 3.15
- ex lignin, tins, 25-lb. lots ..... lb 3.00 —
- smaller lots, tins ..... lb 3.05 3.15

Vinyl acetate, 55-gal. dms., works lb. .16 - .16¼
- 5-gal. cns., works ..... lb. .30 —
- tanks, works ..... lb .15 —

Butylether, normal, tech., dms., c.l., works lb. .28 - —
- l.c.l., works ..... lb. .30 - —
- tanks, works ..... lb. .27 - —

Ether (see Ether, divinyl).

Ethylether, tech., dms., c.l., wks. ..... lb. .28 - —
- l.c.l., works ..... lb. .30 - —
- tanks, works ..... lb. .27 - —

Isobutylether, tech., dms., c.l., works lb. .28 - —
- l.c.l., works ..... lb. .30 - —
- tanks, works ..... lb. .27 - —

Methylether, cyls., works ..... lb. .50 - —
- tanks, works ..... lb. .27 - —

Cylinders are sold outright, or if shipped against deposit, a free period of 60 days is allowed; and if empties are returned prepaid and in good condition within that period, full refund is made.

Trichloride (see Trichloroethane).

Vinylpyridin, ref. dms., works lb. 1.50 - —

Viosterol, in alcohol, 1,000,000 D units per gm., bots., lots of 10 billion USP units 1,000,000 units. .025 - —
- lots of 1 billion USP units. 1,000,000 units. .03 - —
- lots of less than 1 billion USP units 1,000,000 units. .035 - —

in neutral vegetable oil, 400,000 or 1,000,000 D units per gm., bots., lots of 10 billion USP units 1,000,000 units. .02 - —
- lots of 1 billion USP units. 1,000,000 units. .025 - —
- lots of less than 1 billion USP units. 1,000,000 units. .03 - —

Vitamin A, natural, 200,000 to 350,000 A units per gm., bots., cns., dms., lots of 500 million units or more 1,000,000 units. .18 - —
- lots of less than 500 million units 1,000,000 units. .22 - —
- 351,000 to 450,000 A units per gm., bots., cns., dms., lots of 500 million units or more 1,000,000 units. .20 - —
- lots of less than 500 million units 1,000,000 units. .24 - —
- 451,000 or more A units per gm., bots, cns., dms., lots of 500 million units or more 1,000,000 units. .22 - —
- lots of less than 500 million units 1,000,000 units. .26 - —

Prices above are based on the USP XIII method of conversion, E = 1894.

Vitamin A, natural, 200,000 to 350,000 A units per gm., bots., cns., dms., lots of 500 million units or more 1,000,000 units. .21½- —
- lots of less than 500 million units 1,000,000 units. .24½- —

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Titanium Pigment Corporation recently introduced to the ceramic field a new, non-pigmentary grade of titanium dioxide – TITANOX-TG. This highly purified chemical is gaining rapid acceptance because it is easy to handle and imparts great whiteness, brightness, opacity and color stability to tough, thin films of porcelain enamel. However, the chemical purity that makes TITANOX-TG so useful in porcelain enamels also makes improvement possible in the following products:

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WELDING RODS minimum of sulphate and phosphate content permits use for wide range of steel types; low silicate absorption to permit ease of extrusion; easy dry flow for handling.

CARBIDES and related compounds—for cutting tool tips; hard surfaces.

ELECTRONICS as a starting material for reduced titanium compounds as applied to elements of thermionic tubes and other electron discharge devices.

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Subsidiary of NATIONAL LEAD COMPANY

Vitamin A, natural, 250,000 to 450,000 A units per gm., bots., cns., dms., lot of 500 million units or more ..... 1,000,000 units. .24 - —
lots of less than 500 million units 1,000,000 units .27 - —
451,000 or more A units per gm., bots., cns., dms., lots of 500 million units or more ..... 1,000,000 units. .26½- —
less than 500 million units million units..... 1,000,000 units. .29½- —

Prices above are based on the USP XIV method of conversion, Morton-Stubbs Corrected E x 1900.

A, natural, concentrates (see Oil, fishliver).
A, synthetic, acetate, 1,000,000 A units, per gm....1,000,000 units. .24 - —
A, synthetic, palmitate, 800,000 A units per gm., frt. adjstd. 1,000,000 units. .24 - —
Vitamin B, (see Thiamine hydrochloride).
B_2 (see Riboflavin).
B complex, natural (see Rice bran concentrate and Yeast).
B_6 (see Pyridoxin hydrochloride).
B_{12}, vials, 25, 100 and 500 milligrams..milligram. 2.52 - —
C (see Acid, ascorbic).
D (see Oils, codliver and fishliver. Calciferol and Viosterol).
D_2 (see Calciferol).
E (see Alphatocopherol and Oil, wheatgerm).
G (see Riboflavin).
P-F (see Acid, nicotinic, and Nicotinamide).
H (see Biotin).
Violet, methyl toner (see Blue, methylviolet toner).
V.M.P. naphtha (see Petroleum naphtha).

W

Wahoo root bark, bls ..... lb 1.50 1.75
Tree bark, bls ..... lb .55 .75
Wattle bark, fair average, of E Afr., bgs., ex dock ton.65.00 —
merchantable, bgs., ex dock ton.62.50 - —
extract, liquid, 35% tannin, bbls., works lb. .07½- .08
solid, E Afr., 61% tannin, ex dock, duty extra lb. 06¾- —
S Afr. 62% tannin, ex dock, duty extra lb. 06¾- —
Wax, amorphous (see Wax, microcrystalline).
Bayberry, bgs., spot ..... lb. .44 - .45
Bees, bleached, USP, bricks, cs. lb. .62 - .63
slabs, bgs ..... lb. .61 - .62
crude, African, bgs..... lb. .44 - .45
Brazilian, bgs ..... lb. .52 - .53
Vent American, bgs .... lb .46 .50
refined, yellow, bricks, cs... lb. .52 - .53
slabs, bgs..... lb. .51 - .52
Candelilla, crude, bgs..... lb. .46 - .47
refined, bgs ..... lb. .49 .50
Powdered candelilla, 20 mesh, 5c per lb extra: 80 mesh, 5½c.; 100-200 mesh 6c.
Carnauba, chalky, bgs., ton lots lb. No stocks.
North Country, No. 2, ton lots lb. .66 - .67
No. 3, crude, bgs., ton lots lb. .64 - .66
refined, bgs., ton lots ... lb. .71 - .72
yellow, No. 1, bgs., ton lots lb. .83 - .85
No. 2 ..... lb. .31 - .83
Powdered carnauba price differentials same as powdered candelilla
Japan, bgs ..... lb. .67 - .70
Microcrystalline, 170°-175° m.p., ASTM, amber, ctns., 20,000 lbs. group 3, works lb .14 - —
Less than 20,000 lbs., same basis lb 15 —
black, ctns., 20,000 lbs., same basis lb. .12½- —
Less than 20,000 lbs., same basis lb 13½ —
white, ctns., 20,000 lbs., same basis lb. .25 - —
Less than 20,000 lbs., same basis lb 26 —
180°-185° m.p., ASTM, black, ctns., 20,000 lbs., same basis lb. .14½- —
Less than 20,000 lbs., same basis lb. 15½- —
amber, ctns., 20,000 lbs., same basis lb. .16 - —
Less than 20,000 lbs., same basis lb. 17 —
white, ctns., 20,000 lbs., same basis lb. .27 - —
Less than 20,000 lbs., same basis lb. 28 —
190°-195° m.p., ASTM, amber, ctns., 20,000 lbs., same basis lb. 20½- —
Less than 20,000 lbs., same basis lb. 21½- —
black, ctns., 20,000 lbs., same basis lb. .19 - —
Less than 20,000 lbs., same basis lb. .20 - —
white, ctns., 20,000 lbs., same basis lb. .33½- —
Less than 20,000 lbs., same basis lb. .34½ —
Montan, dom., black, raw..... lb. .25 - .25¼
refined ..... lb. .31 .32
Bohemian, bgs..... lb. .15 - .16
German, bgs..... lb. .16 - .17
Ouricury, refined, bgs., ton lots lb. .74 - .76
Paraffin (see P.).
Spermaceti, blocks, cs..... lb. .25 - .27
cake, cs..... lb. .26 - .28
Sugar cane, crude, imp., bgs.... lb. .35 - .37
refined, dom., slabs, works lb. .60 .65
imp., bags, N. Y..... lb. .40 .42
White lead (see Lead, white).
White pine bark, rossed, bls.... lb. .17 - .19
White precipitate, USP powd., dms., 50 lbs lb 2.00 —
Whiting, limestone, dry-grd., 99.5%, 325 mesh, bgs., c.l., works. ton. 6.00 -10.00
smaller lots, works ton. 6.50 -15.00
wet-grd., bgs., c.l., works ton.16.00 -30.00
smaller lots, works..... ton.21.00 -35.00
Paris white, bgs., c.l..... ton.24.00 -31.00
l.c.l. ..... whse. ton.25.00 -40.00
Precipitated, bgs., c.l..... ton.18.00 -20.00
l.c.l. ..... ton.25.00 -35.00
Wild cherry bark, thick, natural, bls lb. .06 .07
rossed, bls ..... lb. No prices.
thin, natural, bls..... lb. .13¼- 16
rossed, bls..... lb. .17 18
Wild tadigo root, bls..... lb. .30 .31
Wild yam root, bls. ..... lb. 16 .17
Witch hazel leaves, bls..... lb. .25 - .27
Woodflour, 40 mesh, bulk, c.l., works, East..ton.32.00 - —
c.l., same basis ..... ton.40.00 - —
60 mesh, bulk, c.l., same basis ton.37.00 - —
basis..ton.37.00 - —
l.c.l., same basis..... ton.45.00 - —
80-100 mesh, bulk, c.l., same basis..ton.40.00 -45.00
l.c.l., same basis..... ton.50.00 -55.00
Woodflour in bgs. extra, returnable.

Woolfat (see Lanolin).
Wormseed, American, bgs..... lb. .13 - .14
Levant, bgs ..... lb 4.15 - 4.25
Wormwood leaves, bls ..... lb .35 - .45

X

Xanthorrhiza root, bls ..... lb. .28 - .30
Xylene (see Xylol)
Xylenol, cryst., 56°-58°C. m.p., ref. dms., c.l., works, frt. equald lb. .193 - —
l.c.l., same basis ..... lb. .196 - —
tanks, same basis..... lb. .18 - —
45°-47°C. dms., c.l., frt. equald lb. .153 - —
l.c.l., same basis ..... lb. .156 - —
tanks, same basis ..... lb. .14 - —
fractions, over 7°C. b.p., dms., c.l., same basis gal. .81 - —
l.c.l., same basis ..... gal. .84 - —
tanks, same basis ..... gal. .70 - —
Meta fraction over 7° C., dms., c.l., same basis gal. .96 - —
l.c.l. same basis ..... gal. .99 - —
tanks, same basis ..... gal. .85 - —
Xylidins, mixed, dms ..... lb 45 50
Xylol, coaltar, industrial, tanks, works —
Bethlehem, Pa ..... gal 28 - —
Birmingham district..... gal. 23¼- —
Chicago district ..... gal. 26½- —
Cleveland district..... gal. 26 - —
Dangerfield, Tex..... gal. 27 - —
Hamilton, Ohio ..... gal. 25 - —
Johnstown, Pa ..... gal. 24 - —
Lackawanna, N. Y..... gal. 24 - —
Pittsburgh district ..... gal. 23 - —
Sparrows Point, Md..... gal. 26 - —
St. Louis, Mo ..... gal 28 - —
Syracuse, N. Y. ..... gal 23½- —
Terre Haute, Ind. ..... gal. 28 - —
Wyandotte, Mich ..... gal. 27 - —
Youngstown, Ohio..... gal 23½ 25

Xylol, petroleum, indust., 10°, tanks, works:—
Albany, N. Y. gal 28 - —
Bayonne, N. J..... gal. 28 - —
Baytown, Tex. ..... gal 25 - —
Chicago, Ill. ..... gal 27 - —
Detroit, Mich ..... gal 28 - —
Philadelphia, Pa. gal 28 - —
Providence, R. I... gal. 28 - —
Wood River, Ill . gal 27 - —

Y

Yara, yara, cns ..... lb. 2.00 2.25
Yeast, brewer's dry, USP, 50 B units per gram, 100-lb dms lb 44 46
80 B units per gram, 100 lb. dms lb. 48 .51
200 B units per gram, 100 lb. dms lb. .53 .55
300 B units per gram, 100 lb. dms lb. .57 - .59
Yellow, barium chromate, CP, bgs., l.c.l., divd. N. of Tenn. and N. C., E. of Miss., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul lb. .30¼- —
Barium chromate yellow price differentials in other States and city zones are those for chrome yellow below
Benzidin, bbls., divd ..... lb. 1.60 - 1.70
Cadmium, CP, all shades, bbls., frt. alld. E of Rockies lb. 2.65 - —
Lithopone, all shades, bbls., frt. alld. E. of Rockies lb. .95 - —
Cadmium yellows, Los Angeles and San Francisco, ex whse l.c. per lb higher
Yellow, chrome, CP, bbls., divd. N. Tenn. and N. C. E. of Miss., including Davenport, Minneapolis, Rock apolis, Rock Island lb. .25 - —
Divd Ala., Fla., Ga., La., (Shreveport) 1½c. higher; Miss., N. C., S. C., Tenn., Dallas, Tex., 1¼c. higher; Ft. Worth, Tex., 1½c. higher; El Paso, Tex., 2c. higher; Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher divd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita prices are equalized with Chicago
Hansa, bbls., same basis as chrome lb. 1.60 - 1.70
Primrose, bbls., same basis lb 1.90 2.10
Iron oxide, natural, bgs., c.l., works lb. .0141- .0250
l.c.l., works ..... lb. .0166- .0275
French type, bgs., c.l..... lb. .04½- —
l.c.l. ..... lb .04½- —
Peruvian type, bgs., c.l.. lb. .0185- .0210
synth, bgs., c.l. works ... lb. .09 - —
l.c.l. works ..... lb .09¼ —
Mercury oxide, bbls., 1,000 lbs. lb. 1.93 - —
smaller lots ..... lb. 1.95 - —
Ocher, American golden, bgs., works lb. .01¼ .02½
Zinc, bbls same basis as chrome lb. .21 - —
Yellow dock root, bls ..... lb. .16 - .25
Yellow xanthorrhiza (see Xanthorrhiza)
Yerba santa leaves, bls ..... lb. .28 - .30
Yohimbine hydrochloride vte oz. 3.25 4.00

—Continued on page 30

Label statements on more and more packages are showing panthenol 'Roche' in use as a replacement for the salts of pantothenic acid. Now pharmaceutical manufacturers, who are always alert for new, helpful developments, are using panthenol in multi-vitamin tablets, capsules, ampuls, and elixirs. And with good reason, because 'Roche' panthenol has definite advantages (see below):

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2. **SOLUBLE** not only in water but ethanol, methanol and isopropanol.
3. **FEWER INCOMPATIBILITIES.**
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5. **REDUCED HYPERTONICITY** in parenterals.

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Industry and Air Pollution

Industry wisely will take a large and responsible part in the conference on air pollution which is to be held in Washington this week. The conference is sponsored by the federal government, through an interdepartmental committee representing ten major administrative agencies. But, the job of correcting conditions of air pollution must fall largely upon industry, and industry should find out what it is expected to do and clearly make known what that doing will require.

Millions of dollars have been spent in the correction of practices conducive to air pollution in the past few years since recognition of responsibilities of communities among their people really began to take shape. Much remains to be done, and much is still to be learned regarding the numerous and various factors which are contributory.

Smog is not wholly a manmade affliction. The meteorological factors in its occurrence and persistence are of primary importance. But, it must be recognized that those factors alone are relatively without hazards, although somewhat obnoxious. It must also be recognized that the atmospheric static conditions which underlie the occurrence of smog can be mechanically counteracted.

Most of the application of mechanics to the amelioration, if not prevention, of obnoxious and hazardous air pollutions is in the area of control of industrial and domestic effluents which in many ways contaminate the atmosphere. The development of sonic energy has added much to the efficacy of such equipment, but largely only with physical contaminants. Of course, those are the most conspicious, but they are not always the most hazardous, especially for short terms. The chemical contaminants, somewhat physical also at times, are more difficult to control, especially from the standpoint of cost. But, it has been found practicable to convert many chemical fumes to useful purposes—more than a little sulphur and its compounds is being derived from such sources.

The health aspects of air pollution have long been annoying and worse to millions of individuals. They have but lately become a matter of public concern, even in the largest cities of the country. In the development and operation of that concern, there must be complete and fully understanding cooperation of the people of the community, its industries, and its officials. Each group has a particular responsibility. None is without some contributory part in the general condition which calls for correction. It is easy, hence it is popular, to blame industry for all. That is not a deserved condemnation. But, it is the reason why industry must intelligently and responsibly participate in all examinations and operations having to do with air pollution. It must be ready to do its part in the development and application of corrective measures. And because it should actually, as it is theoretically, be the foundation of community life, it must apply its know-how to the effective participation of the people and their public officials. The community, whatever its size, that is properly industrialized, in the full sense of that term, will not easily be nationalized, socialized, or communized—as you will.

Work—Not Miracles

Generalities can be dangerous when adopted as bases of philosophy. President Truman's request that the truth be widely proclaimed and published so that the world may fully know and properly evaluate the American way of life has a serious shortcoming in that it does not say whose version of the applicable truth is to be accepted. Congressional committees still have as much difficulty as had Pilate in ascertaining "What is truth?"

And so it is that the big drive for the American way of life is peculiarly to be regarded because it emphasizes the "Miracle of America." The last thing that should be boosted publicly these days is any kind of a miracle: far, far too many people are much too much inclined to look to miracles for their livelihood instead of working for it for themselves. There has never been, is not, and never will be any miracle of America, that did not, does not, or will not depend on hard work. The only miracle is why those who have to do the hard work allow others to draw their livelihood from it.

In that same miraculous presentation of why America is what it is—but not why it is somewhat deteriorating—is the proclamation that "the better we produce, the better we live." Sometime, more than a few of those who dissertate on economics are going to recognize that production is only one step in that process of making a living. One quite noted economist has but recently got so far as to be moved to say that the national economy (commercial, that is) has failed to develop prices low enough to create a sound demand for its output. The basis of living is not producing; it is providing. Whatever may be the measure, in quantity or quality, of production, distribution can block adequate providing and so can, and does, the fact that the majority of the people make no money out of production jobs.

And the boosters of the American way of life are clarioning about why machines make jobs, while students of economics (as a whole) are declaring that more and more automatism in machinery must mean less and less employment for men. The high ones of mechanics are declaring that today's machine tools will be obsolete in five years because their labor-saving capacity (a quality on which most of them have been bought) and their production ability will not pay adequately on that day's bases.

Production is increasing. So is unemployment. Economic generalizers should get down to finding out why. It ain't no miracle.

OPD Forum

An Outlet for Individual Opinion

(Anonymous communications will not be recognized, but a signer's name will be withheld at request.)

Iceland's Codliver Oil

The Editor,
OIL, PAINT AND DRUG REPORTER.
Sir:—

Re the questioned figures on Iceland's codliver oil exports.

The error had its beginning at the source. The "reporter" at Reykjavik sent them through as the 1949 production of "codliver oil and oils." He made no attempt to separate or identify the "and oils," but subsequent reports indicate that he had included the figures for whale oil and herring oil.

The Commerce department in its tissue sheet reported the figure as "codliver oils." We made it singular and said "codliver oil."

The department's latest figures on codliver oil exports from Iceland are 5,805,183 kilograms for 1949, valued at 18,743,802 kronur, compared with 8,035,392 kilograms valued at 33,666,356 kronur in 1948.

Washington RALPH L. CHERRY.

For the Bookshelf

BIOCHEMICAL PREPARATIONS. Volume 1. Advisory board:—W. Mansfield Clark, Hans T. Clarke, Max S. Dunn, A. Baird Hastings, William C. Rose, Donald D. Van Slyke, Hubert B. Vicery, Vincent du Vigneaud; editorial board:—Herbert E. Carter, chief; Eric Ball, Carl Niemann, Robert R. Sealock, Edward E. Snell. Cloth; xi+76 pages. New York; John Wiley & Sons, Inc. $2.50.

This volume starts a new series of quick technical information, designed to do for biochemists what has been done in the general organic field by the several series on organic and inorganic syntheses and organic reactions. Its purpose is a useful one. The names of the editors and advisers provide evidence of the competence of the approach. It is sufficient information then to tell that the contents adds to the fifty-eight compounds of biochemical interest which have been treated in the Organic Syntheses volumes these others:—Adenosine diphosphate and triphosphate, l-alanine and l-serine, azobenzeneparasulphonic acid trihydrate, parahydroxyazobenzene-para'-sulphonic acid, 5-nitronaphthalene-1-sulphonic acid dihydrate, casein, beta-3.4-dihydroxyphenyl-l-alanine, diphosphopyridin nucleotide, alphaglucose 1-phosphates, l-glutamine, dl-glyceraldehyde-3-phosphoric acid, lycopene, l-lysin, monohydrochloride, lysozyme, and d-tyrosin.

The subject index has eighty-five references, each to at least two locations.

Washington Talks It Over

—Continued from page 5

ter of reciprocal trade, which in the long run may be very injurious to American capital and labor. When the trade agreements program was initiated, it was well supported by both capital and labor which recognized its purposes of bringing about a lowering of world barriers so that there could be a freer flow of commerce. Trade agreements would be entered into that would lower tariffs, but still afford a measure of protection to domestic industry.

The wholesale attack on American tariffs planned at Torquay, England, next Fall, plus the new ECA concept that its aim is to encourage exports to the United States, and plus the customs reform bill to remove some of the obstacles to imports, add up to but one thing in the minds of some of the labor and management leaders—American industry is in for some stiff competition from abroad right in its home markets unless some preventive measures are taken now.

Government Printing Wastes

The senate and house appropriations committees are cracking down on government agencies for wasting the taxpayers' money on outlandish printing projects. Investigations made over the past several years have disclosed tons and tons of undistributed government publications being sold every year as waste paper, just to make storage room for new publications that will become waste in another few years.

The condemnations of the committees were delivered as a general broadside against all the agencies, but two were mentioned in particular—the Department of the Interior and the Bureau of Internal Revenue. The bureau was accused of having 500,000,000 tax forms and 115,000,000 instruction sheets printed in one year to supply 47,000,000,000 taxpayers. The obsolete forms were found stored in a leased building. Interior was accused of selling for $6.90 a twenty-three volume series on the Columbia river basin, on which the printing cost alone amounted to $36.06.

When federal agencies were requested by the senate committee to submit one copy of each of their publications issued during the previous year, the response was overwhelming. The committee actually received 83,723 different publications before giving up for lack of room. One bureau was ready to send a stack estimated to be 52 feet high. Another would need seven four-drawer file cabinets for its sample copies.

The titles of many publications serve to illustrate the wide range of subjects covered:—Deer Mortality from Gunshot Wounds; Tales from Kurea; Recipes for Cooking Muskrat Meat; Mist Netting for Birds in Japan; Habits, Food, and Economic Status of the Bang-Tailed Pigeon; The Sponge Industry in Turkey; Two Home-Made Traps for English Sparrows, and Fleas of North America.

GSA Is Regionalized

The General Services Administration is setting up regional offices in ten cities in a decentralization move in the interest of getting little business more interested in selling to the government. The regional offices will be located in Boston, New York, Washington, Atlanta, Chicago, Kansas City, Dallas, Denver, San Francisco, and Seattle.

Each region will be an operating unit within itself. All the services of GSA will be consolidated within the region and placed under the administration of a regional director. He will be responsible for the administration of all GSA programs being carried on in his region for the benefit of other federal agencies and the public.

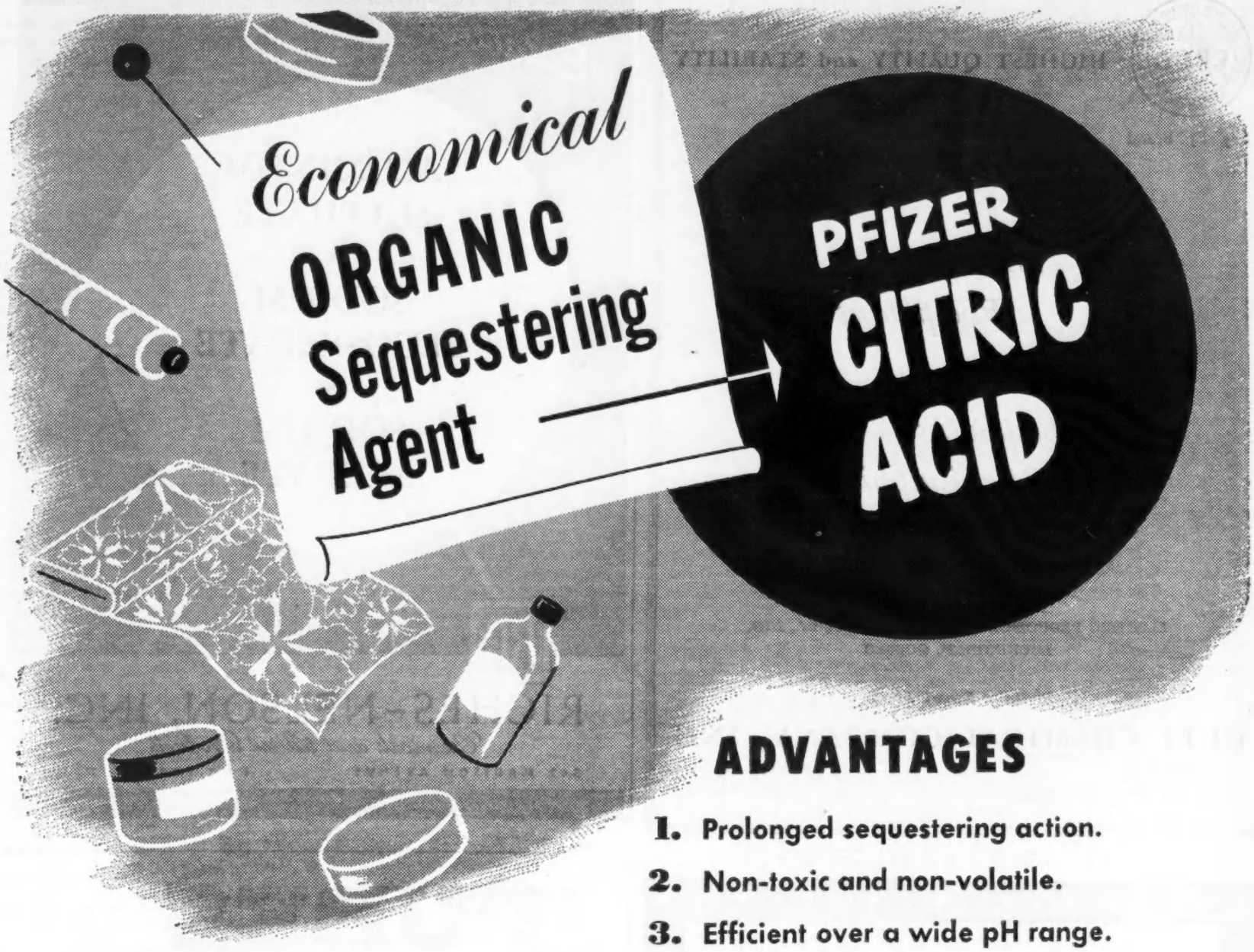
GSA is responsible for procurement and supply, real property management, the design, construction and maintenance of federal buildings, and records management. Suppliers, manufacturers, contractors, and others will be able to do business with GSA, or get all information necessary to do business with GSA, at the regional offices.

Anhydrous Ammonia as Fertilizer

The Department of Agriculture is recommending the use of anhydrous ammonia as a nitrogen fertilizer in the production of food and fiber crops because of the great savings to farmers over other, more common forms of plant nutrients. Depending on the size of the farm, the department figures a savings of from 2 cents to 3 cents per pound of nitrogen through the use of this compressed gas.

Because tanks and heavy equipment are necessary in applying this form of nitrogenous fertilizer, the department says that a farmer would have to fertilize 50 acres or more to apply anhydrous ammonia economically with his own equipment. However, farmers with smaller acreages could find it economical to enter into a cooperative arrangement to hire this new type fertilizer.

The department is still doing test work on anhydrous ammonia as a fertilizer, and reports that its success has not been proved on all soils. This is particularly true on extremely heavy soils. But in the lighter soils of the Mississippi delta it has proved to be of great advantage. In 1947, it was used on about 200,000 acres in the delta area. By 1949, an estimated 1,000,000 acres in Mississippi were receiving applications of this new material and its use was spreading to other states.



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Heavy Chemicals

Some of the copper-based chemicals responded last week to the late advance in the metal. Copper chloride, hydrate and nitrate were all established at higher price levels. Standard grain dead-burnt magnesite advanced under increased producing costs. Active buying interest resulted in an advance in common grade lead. Tin crystals were quoted lower as a result of an irregular downward price movement in the metal. Copper and zinc both maintained strong positions. Another producer of zinc sulphate is expected to advance prices this week.

Sales and shipments of heavy chemicals in April showed slight improvement over March, according to trade estimates. Soda ash displayed a stronger position than caustic soda. Chlorine continued definitely tight with prospects of becoming tighter when the Summer season water treating hits its peak. Some producers look for a shortage of chlorine over the remainder of the year. Demand is increasing for copper sulphate with the position firm and tight. Steady inquiries are reaching the market for nickel sulphate. Production of carbon tetrachloride has increased during the month although expansion has been limited by the shortage of chlorine. No indication of easement in the supply of sodium chlorate. Backlog in caustic potash has been leveled off in some producing quarters but potassium carbonate stocks have tightened under maintenance of heavy demand from glass specialty plants.

Paper production based on a percentage of six-day capacity was 102.4 percent for the week ending April 22, according to the American Pulp and Paper Association This compared with 100.3 in the preceding week and 82.8 for the corresponding week in 1949.

United Kingdom Treasury has issued an order exempting the following chemicals from Key Industry Duty of 33⅓ percent ad valorem during the period March 13 through June 30, 1950: n-Butyl alcohol; monochloroacetic acid; dibutyl diethylmalonate (a butyl ester); ethylenediamine; R phenol; phenol, synthetic; and sodium monochloroacetate (a monochloroacetic salt).

Export figures appearing below are from the Department of Commerce. Production figures, unless otherwise designated, are from the Bureau of the Census, Department of Commerce.

Ammonia Anhydrous—Demand for agriculture has kept the supply position tight with prospects of becoming tighter as a result of cutback output occasioned by labor difficulties at a producing plant. February production amounted to 115,976 tons of synthetic, compared with 124,079 in the preceding month and 90,917 tons in February, 1949.

Ammoniac, Sal — Buying interest in white granular from the dry-battery trade slowed down during April and the supply situation has improved. It was stated that sales over the first quarter were excellent but passing of the Winter months has occasioned a slump in the inquiry. A general shift in radios to commercial current is also being felt.

Ammonium Bicarbonate—Cracker bakeries have been steady buyers durin; most of the past month. Maintenance of production has kept the market in adequate supply to meet requirements promptly.

Carbon Tetrachloride—Supply situation continued fairly tight over most of the past month. Stocks were in better shape at the close with plant difficulties overcome and production resumed. Output in February totaled 14,688,762 pounds, compared with 16,776,561 pounds in the preceding month, according to the Tariff Commission.

Chlorine—No indication of easement in the supply position at the close of the month. Some producers can see no improvement in buying conditions over the remainder of the year. Consuming demand is above current production and the inquiry is increasing. The export movement in January totaled 915,000 pounds and included 551,850 pounds to Canada and 282,450 pounds to Mexico.

Copper Chloride — Priced higher at 26¾c. per pound for anhydrous and 18¼c. to 21½c. for crystals, both prices f.o.b. works. The upward revision was the result of higher producing costs occasioned by the late advance in copper metal.

Copper Hydrate—Recent advance in copper was reflected in higher prices. The range was from 25½c. per pound to 26c., depending upon quanity, works freight allowed east of the Mississippi river.

Copper Nitrate—Technical crystals were advanced to 23½c. per pound, works, in response to the higher copper metal market.

Copper Sulphate—Buying movement at the close of the month gained considerable momentum. Industrial demand, which is above normal, has been augmented by a broad inquiry for agriculture with all eastern areas placing orders except Maine. This state apparently has not made up its mind to plant independently or follow the government program. Export demand slowed down last week. January exports, all to western hemisphere countries, amounted to 2,232,000 pounds, against 839,000 in the preceding month.

A trade agreement has been concluded between Brazil and Yugoslavia through an exchange of notes at Rio de Janeiro on February 25, 1950, according to a report of March 8 transmitted by the United States Embassy at Rio de Janeiro. The agreement is to have a duration of one year, and the total value of products to be exchanged thereunder was given as $2,730,000. The products to be supplied by Yugoslavia include copper sulphate, caustic soda and sodium carbonate.

Glauber's Salt—February recorded a lower production. The total was down to 15,881 tons, against a revised amount of 18,161 in the preceding month and 13,649 tons in February, 1949.

Magnesite—Chemical grade in bags is finding a normal demand which is being satisfied from a comfortable supply situation. The carlot price is $67.50 per ton bulk, California mines. Standard grain dead-burnt is priced higher at $33 per ton, bulk Chewalah, Washington.

Nickel Sulphate—Platers have continued to take on stocks sufficiently to keep inventories at running levels. While production in some instances had been sold ahead at intervals during the past month practically all suppliers were in a position to consider business for prompt shipment at the close.

Potash, Caustic—Progress was made in restoring the market to a normal supply condition during April and some of the producers stated they could consider additional orders for prompt shipment at the close of the month. In other supply quarters there was still some backlog orders to be leveled off. Demand from the chemical and soap industries remained active.

Potassium Carbonate — Maintenance of heavy demand, principally for the manufacture ot television tubes, has kept the supply of both calcined and hydrated definitely tight. At the close of the month it was stated that demand showed more of tendency to expand than relax.

Potassium Chlorate — Match factories have continued steady buyers and have contracted from three to four weeks ahead. Producers might consider some business for late May but prefer June.

Salt Cake—Glass plants and kraft paper-mills have taken fairly sizable quantities during the past month. The market position continued competitive. February production of crude commercial amounted to 38,939 tons, compared with a revised total of 41,908 in January and 53,890 tons in February last year.

Soda Ash—Shipments to the chemical, glass and paper industries have continued steady over the past month. Production was slightly in excess of requirements and suppliers were able to accept orders for additional lots for prompt shipment. Dollars shortage has kept the export movement down.

Soda, Caustic—No shortage of stocks

For Late Market Developments, See Page 4

Market Trends

Prices Advanced

Copper chloride, anhydrous, ¾c. per lb.
crystals, ½c. per lb.
hydrate, ¾c. per lb.
nitrate, 1¼c. per lb.
Lead, common grade, ¼c. per lb.
Magnesite, dead burnt, $2.50 per ton.

Prices Reduced

Tin crystals, ½c. per lb.
metal, ¾c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

General Chemicals

Last week	Prev. week	Last month	Dec. 30, 1949	Apr. 29, 1949
215.8	215.8	213.8	216.4	228.9

Acids

Last week	Prev. week	Last month	Dec. 30, 1949	Apr. 29, 1949
121.9	121.9	121.9	121.8	122.0

(*For Current Prices see Page 9*)

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during the past month. Industrial demand fair from the petroleum, soap and other consuming industries. Heavy demand for chlorine has kept electrolytic output up while lime-soda production has been cut back in an effort to keep the market in balance.

Sodium Phosphate—February production of meta amounted to 2,887 tons, compared with 2,999 in the preceding month and 2,298 tons in February, 1949. Output of acid pyro in February was 766 tons, against a revised total of 571 in February. Production of tripoly was 17,433 tons in February, against a revised total of 14,840 in January. Production of tetra amounted to 5,622 tons in February, compared with 7,037 in January and 6,888 tons in February last year.

Sodium Silicate—Output was lower in February. The total for soluble silicate glass, liquid and solid was placed at 31,416 tons, compared with 36,480 in January and 31,683 tons in February, 1949.

Tin Crystals—Market lower based on the current price of tin. At the close of the week, the price was 58½c. per pound, works, based on 77c. for the metal.

Acids

Acetic—February output of synthetic was placed at 29,791,840 pounds by the Tariff Commission. January production was revised to 35,202,015 pounds. The amount of recovered acid in February was 146,189,397 pounds, compared with 153,800,409 in the preceding month. Production of natural acid was 1,355,244 pounds in February, against 1,563,347 pounds in January.

Muriatic—Total production in February amounted to 42,821 tons and included 11,273 tons from salt and acid, 9,882 from chlorine and hydrogen, 21,666 tons as by-product and other sources. The January total was revised to 47,871 tons and in February last year 38,994 tons were made. January exports were 601,694 pounds, Canada taking 505,020 pounds.

Nitric—Production continued at a high level in February. The total amounted to 101,386 tons, compared with 105,575 in the preceding month and 90,545 tons in February last year. January exports were 65,378 pounds.

Oxalic—No unusual activity featured the market during April. Stocks continued free with consumers limiting operations mostly to current requirements.

Phosphoric—Stocks not excessive but meeting requirements promptly. The market held a satisfactory degree of balance throughout the past month. February production showed a total of 120,755 tons, including 67,025 made from phosphorus and 53,732 tons made from phosphate rock. The January total was revised to 122,850 tons and in February last year 107,134 tons were produced.

Sulphuric—Demand remained steady over the past month, the advance in the tankcar price on April 1 having no apparent effect on the general movement. Production has been sustained at a level to keep the supply position comfortable.

Nonferrous Metals

Copper—Market position definitely firm with inquiry active and refineries' stocks down to a low of 60,000 tons. It was stated that current demand for copper is at an exceedingly high level and that it is necessary to import 25,000 tons a month to meet requirements. Electrolytic closed strong at 19½c. per pound, delivered valley basis.

Lead—Priced higher at 11c. per pound New York for the common grade and 10.80c. St. Louis basis. April demand has run substantially ahead of the preceding month and trade estimates place April shipments the largest in volume since last August. May inquiry was active and of broad miscellaneous character. May bookings are said to be running ahead of April.

Quicksilver—Quiet trading featured the market during April and no important price changes were uncovered. Round quantities including 100 flasks or over remained at $71, and smaller lots at $73 to $75, depending upon size and seller.

San Francisco—The market remains unchanged here as in past weeks with metal quoted at $73 per flask.

Silver—Market has continued steady and without change since the decline recorded on April 3. Demand has been sufficiently active to hold the market firm. Bullion was priced at 71¾c. per ounce in New York.

Tin — Prices fluctuated fractionally

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around the 77c. per pound level for spot grade A. Future shipments were quoted below this and the outlook at the close of the week was uncertain with the trade watching London and Singapore for a clue to the future price trend.

Zinc—Firm at the late advance with the supply situation tight and demand active. Prime western was priced at 11c. per pound, East St. Louis basis.

Obituaries

George S. Olds

George S. Olds, president and treasurer of Packers Tar Soap, Inc., Mystic, Conn., died April 24. He had been vice-president and treasurer of the company from 1926 to 1944 when he became president and treasurer.

Leroy L. Salfisberg

Leroy L. Salfisberg, vice-president and general manager and one of the founders of Ivers-Lee Company, Newark, N. J., died in that city April 21. He was sixty-three years old. Mr. Salfisberg helped organize the company in 1919.

Charles D. Sproule

Charles D. Sproule, vice-president in charge of the western division of Pratt & Lambert, Inc., at Chicago, died in Buffalo, N. Y., April 24. He joined the company as a salesman in 1906 and was appointed assistant resident manager of the western division in 1912. Successive promotions in the western division made Mr. Sproule sales manager in 1917 and resident manager in 1922. He was elected a director in 1928 and vice-president in 1931. Mr. Sproule was a former president of the Chicago Paint, Varnish and Lacquer Association.

Daniel J. Bradley, vice-president and a director of Thomas Leeming & Co., New York, died in that city April 22. He was fifty-eight years old. Mr. Bradley joined the company in 1925 after seven years with Nestle Food Company.

L. D. Holland, assistant to the president and a director of E. F. Houghton & Co., Philadelphia, died recently at the age of forty-six. He had been connected with Houghton since 1927.

Ramon I. Janer, vice-president of M. Argueso, Inc., importer of waxes and fibres, New York, died in New Rochelle, N. Y., April 23. He was sixty-one.

Charles W. Markus, who retired last year after forty-one years as purchasing agent for Eastman Kodak Company, died in Rochester, N. Y., April 22. He was eighty-one.

Ben E. Meguschar, assistant to the vice-president of the plant food division of International Minerals & Chemical Corporation, Chicago, died recently in Evanston, Ill.

Olin Industries Elects Elfred, Lea to Board

Olin Industries, Inc., East Alton, Ill., has elected F. S. Elfred, general manager of the company's explosives division, and Robert W. Lea, president of Johns-Manville Corporation, New York, to the board of directors.

Mr. Elfred, who joined the executive staff of Olin in 1937 is a member of the board of Equitable Powder Manufacturing Company, East Alton, Ill., and its affiliates, Columbia Powder Company, Tacoma, Wash., and Egyptian Powder Company, Pollard, Ill. Mr. Lea was made vice-president for finance of the Johns-Manville Corporation in 1939, becoming a director of that company in 1940, executive vice-president in 1946, and president of the concern later in that year.

Metal Assn. Reelects Officers

Metal Powder Association at its recent meeting in Detroit reelected B. T. du Pont, sales manager of the plastic metals division of National Radiator Company, Johnstown, Pa., president of the organization. T. L. Robinson, Wel-Met Company, Kent, Ohio, was renamed vice-president, while W. P. Schenck, of the Alan Wood Steel Company, was elected chairman of the board.

Newly elected members of the board of directors were Mr. Robinson and H. W. Fisher, American Electric Metal Corporation.

Northwestern Chemical Moves

The Northwestern Chemical Company, Chicago, has moved its offices and plant to 120 North Aurora street. Telephone number is West Chicago 1180.

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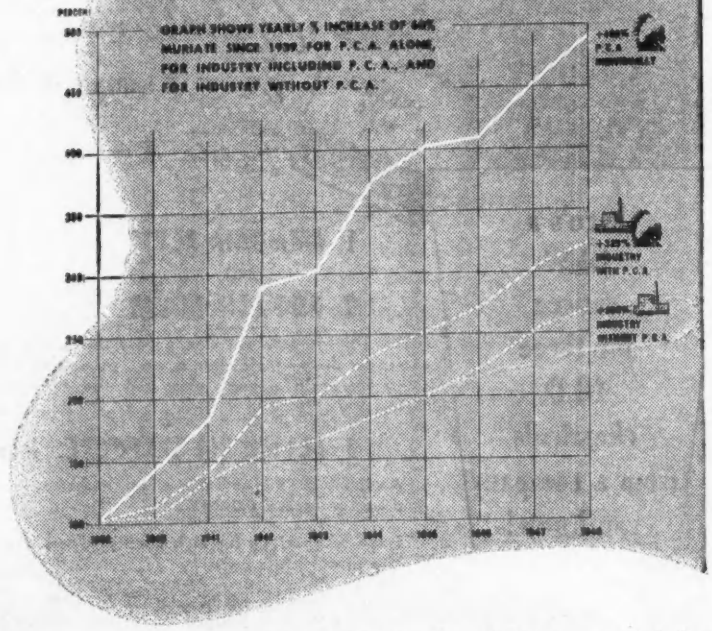
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Agricultural Chemicals

Buying interest was not broad enough to check the downward trend of packinghouse by products last week. Dried blood was priced lower, tankage was down at Chicago and bone meal prices could probably have been shaded on a firm offer. Hoof meal remained inactive but menhaden meal was lower at Baltimore with sales of new scrap on a when and if basis reported below the spot price. Inquiry for castor pomace was active with no sales and no stocks.

Ammonium nitrate moved against contracts and so did ammonium sulphate but showed little activity elsewhere. The superphosphate season for normal has passed its peak with no unusual disturbance. It was stated that deliveries have now relieved any shortages at out of town points but triple continued in tight supply with requirements uncovered. Potash producers expressed concern over the possibility of a railroad strike in two weeks and are making an effort to ship all material possible prior to May 10. It is expected that new contract prices will be announced around the middle of the month and it looks as though no substantial change from the current schedule will be made. Increased demand for sodium nitrate has not dented the available supply appreciably.

Nitrogenates

Ammonium Sulphate—Cokeoven production dropped sharply in February, according to the Bureau of Mines. The total included 99,742,208 pounds and 7,087,992 pounds made from purchased synthetic ammonia, compared with 136,176,281 pounds and 6,483,863 pounds made from purchased synthetic ammonia in the preceding month. Sales in February increased 30.4 percent to 115,266,645 pounds from cokeoven ammonia and 6,639,663 pounds from purchased synthetic ammonia, against 88,400,712 pounds from cokeoven ammonia and 6,508,863 pounds from purchased synthetic ammonia in January. Stocks on February 28 were 171,194,572 pounds, compared with 186,908,165 pounds on January 31 and 42,081,666 pounds on February 28, 1949.

Dried Blood—Priced lower at $6.50 per unit of ammonia here and $6 in Chicago. There was not enough buying interest last week to stabilize the market.

Fish Meal—Production of menhaden meal and scrap for two months ending February 28 amounted to 3,574 tons, compared with 1,684 tons for the corresponding period in 1949, according to Fish and Wild Life Service. The 1949-50 Pacific Coast pilchard season was the best since the 1945-46 season. The total production of pilchard meal for the season (August, 1949, to February, 1950) amounted to 41,494 tons, compared with 18,371 tons during the previous season. There were no pilchard taken in Washington and Oregon during the 1949-50 season. However, the San Francisco district of California had the first sizable production in several years.

Prices of menhaden at the close of the week were lower at $145 per ton for 60 percent, Baltimore area, in a quiet market. Sales of new scrap on a when-and-if basis were reported at $130.

Tankage—Market declined under absence of buying support at Chicago. Price down to $8 per unit of ammonia. New York unchanged at $7.25.

Phosphates

Phosphate Rock—Meeting seasonal requirements promptly from stocks above ground. Domestic demand not of an urgent character as the acidulators have passed their most active period for this season. No new important export sales and not much expected before next September.

Superphosphate—Market position steady with shipments of normal holding a satisfactory seasonal average. Deliveries have been sufficient to relieve shortages at out of town points and the season's movement has passed its peak without uncovering any unusual difficulties. It is stated that demand from the South is practically over and that mid-western inquiry has been slowed down by wet weather. The shortage of domestic potash interrupted the movement earlier in the year but arrivals of foreign potash eased the situation and mixers resumed operations. There was no change in normal prices during the past month but triple was reduced from 83c. to 80c. per unit of a.p.a. at East Tampa, Florida.

Market Trends

Prices Advanced

None

Prices Reduced

Dried blood, 50c. per unit of ammonia, Chicago; 25c. New York.
Fish meal, menhaden, $5 per ton Baltimore.
Tankage, Chicago, 25c. per unit of ammonia.

Comparative Price Indexes

(100=August 1, 1914)

Last week	Prev. week	Last month	Dec. 30, 1949	Apr. 29, 1949
81.6	81.6	81.6	81.6	81.6

(For Current Prices see Page 9)

Potashes

Possibility of a railroad strike in two weeks has been a matter of concern to domestic producers and efforts are being made to ship as much material as possible prior to May 10. Deliveries against contracts have been running close to normal and if the strike is settled, schedules will be leveled off by the middle of the month. It is expected that 1950-1951 contract prices will be announced around that time also. According to trade reports, no substantial change in prices is anticipated. It was stated that about all the foreign potash purchased has arrived or is afloat. Three cargoes from east Germany are due any day. Some importers are of the opinion that all of this material has not been sold.

Los Angeles Fertilizer Market

Los Angeles.—The market here was steady throughout the past week. Organic fertilizers moved moderately on the market while a few of the inorganic materials saw active trading, potash muriate and potash sulphate among these. Ammonia sulphate still occupies considerable interest in view of the tight supply. Canadian supplies of ammonia fertilizer are flowing into the market with improved regularity, helping to relieve the backlog on these items.

Pesticides

A new method for keeping ears of sweet corn free of corn earworms has been announced by the Bureau of Entomology and Plant Quarantine. Use of this new method enables farmers to grow profitable crops of high value sweet corn in many areas of this country the Bureau stated. Spray applications of an emulsion containing DDT, mineral oil and water to silks and husks of developing ears, when applied at the right time, kills the worms before they attack and ruin the corn. For power sprayers it takes 3 quarts of 25 percent DDT emulsifiable concentrate and 2½ gallons of white mineral oil, diluted with water to make 25 gallons of this emulsion to spray one acre of sweet corn. Two or three applications are necessary. The first should be made when the silks first appear. Other applications follow at two day intervals.

Calcium Cyanide—Shipments of normal dimensions are being made from a supply situation described as comfortable. The market has maintained a steady position at prices ranging from 30c. to 50c. per pound, depending upon quantity and style of container, delivered east of the Rocky Mountains.

Chloropicrin — Market position firm with demand sustained at a level somewhat better than normal. Independent grain warehouses have used a lot of this material during the past few months. Cylinders are priced from 91c. to $1.18 per pound, according to size, works, freight allowed.

Paradichlorobenzene—Supply short as a result of recent cutback in production occasioned by the tight position of benzol. Short shipments have featured the contract movement and some of the producers have found it necessary to allocate stocks in order to equalize deliveries.

Parathion—Shipments fair during the month of April with inquiry increasing at the close. Stocks so far have been able to meet demand without difficulty. Technical is priced on the basis of $1.50 per pound in drums f.o.b. the works.

Sulphur

Ente Zolfi Italiani, Italy's official sulphur-marketing organization, will ship 150,000 metric tons of sulphur to Australia and New Zealand by the end of July, 1950. Italy has agreed to accept payment in sterling for the purchase of raw materials in these countries, states the foreign press. This arrangement is expected to increase substantially exports of sulphur, which have been declining for some time.

For Late Market Developments, See Page 4

R. J. Prentiss Reports Success for Rodenticide

The insecticide division of R. J. Prentiss & Co., New York, reports that "W.A.R.F. Compound 42," a new rodenticide developed by the Alumni Research Foundation of the University of Wisconsin and placed on the market last fall under an experimental permit of the Department of Agriculture, is proving successful in commercial tests.

The company, which manufactures and distributes "RAX," a rat and mouse killer containing the new compound, points out that the experimental permit restricts the use of the new rodenticide to pest control operators, public health officials, sanitary engineers and personnel of the Fish & Wildlife Service.

On the basis of their reports, covering 100 individual cases of rat and mouse infestation in twenty-four different states, it was found that the rodenticide, when properly used, could clean out an entire rat and mouse population within a week. The compound is odorless and tasteless, making it an effective bait for rodents. It is slow-acting, killing rats and mice by internal hemorrhage through an accumulation of the material. Furthermore, to date, no cases of accidental or secondary poisoning to farm animals, household pets or humans have been disclosed.

Innis, Speiden to Sell New Fumigant Injector

Innis, Speiden & Co., New York, have been appointed distributors for the "Fumigun," a hand-operated injector for the application of soil fumigants. Constructed entirely of brass, phosphor bronze, stainless steel and non-corrosive aluminum, the gun is shipped assembled ready for use except for the installation of the hand and the soil tubes. Possessed with a tank capacity of three quarters, the applicator is able to deliver any dosage from 1 to 10 cc. per shot, regulation of the dosage set on an indicator built into the machine.

Arkell & Smiths Appoints Jones

Arkell & Smiths, Columbus, Ohio, has announced the appointment of T. L. Jones to the position of central division sales manager. In his new post, Mr. Jones will operate out of the home office and will be in charge of sales for Michigan, Indiana, Ohio, western Pennsylvania, West Virginia, southern Illinois and Kentucky.

WPB Chemical Alumni Party Plans Progressing

A large attendance is expected at the spring party of the Chemical Bureau Alumni Association of the War Production Board, to be held at the Lexington hotel, New York, Wednesday at 6 p.m. In charge of arrangements are Frank Bennett of Publicker Industries, Inc.; Jack Conway of John H. Calo Company, and Donald Barnes of C. K. Williams, Inc.

Petroleum Specialties Moves

Petroleum Specialties, Inc., marketer of a wide range of petroleum products, will move to new offices in the Bartholomew building, 205 East Forty-second street, New York 17, effective today.

Columbian Carbon Elects

The Columbian Carbon Company has elected to the board of directors Rodney A. Cover, assistant to the president; Theodore R. Goebel, vice-president, and Lyle L. Shepard, treasurer.

McDougall-Butler Shifts Offices

McDougall-Butler Company, Buffalo, N. Y., moves today to new offices at 2929 Main street. The new telephone number is Parkside 5885.

Trade Briefs

Armour Research Foundation, Illinois Institute of Technology, has reportedly developed a photographic film that will work in either arctic cold or tropical heat.

Dr. David H. Dawson, assistant general manager of the pigments department, E. I. du Pont de Nemours & Co., Wilmington, Del., has been named to the board of trustees of Drexel Institute of Technology.

Dow Chemical Company, Midland, Mich., has transferred J. P. Murphy from the firm's magnesium technical service and development group to the magnesium sales staff of the company's Chicago office.

George C. Taylor, jr., geologist of the Geological Survey, has been detailed to New Delhi, India, to confer with officials of the central government and the geological survey of India on that country's ground water problems.

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Pratt & Lambert Advances Mather to New Sales Post

Pratt & Lambert, Inc., Buffalo, N. Y., has advanced Richard B. Mather to the post of sales manager of the concern's central division. Mr. Mather joined the company in 1928, and most of his time was spent in the firm's central division in the promotion of architectural sales. He is a former president of the Buffalo Paint, Varnish and Lacquer Association.

Current Prices

—Continued from page 29

Z

Zein, bgs., 36,000 lbs., works	lb.	.30	—
1,000 lbs. to 36,000 lbs., works	lb.	.32	—
smaller lots works	lb.	.33	—
Zinc acetate, tech., obls., dms	lb.	.26¼	—
NF, dms	lb.	.38	—
Arsenite, bgs. c.l. frt. alld. E. of Rockies	lb.	No stocks.	
l.c.l. same basis	lb	No stocks.	
Borate, bgs., c.l., dlvd. E	lb.	.16 -	—
l.c.l., dlvd E	lb.	.17 -	—
Carbonate, purified, powd., dms.	lb.	.26	—
tech. rubber makers', bgs., works	lb.	.10¾-	.11¼
precipitated, powd., dms.	lb.	.26	—
Chloride, tech., fused, dms., c.l., works	100 lbs.	7.00 -	—
l.c.l., works	100 lbs.	7.40 -	—
gran., bbls., c.l., works	100 lbs.	7.75 -	—
l.c.l., works	100 lbs.	8.15 -	—
solution, 50%, dms., c.l., works.	100 lbs.	3.90	—
l.c.l., works	100 lbs.	4.50 -	—
tanks, works	100 lbs.	3.25 -	—
NF, gran., dms	lb	.42	—
Chromate (see Yellow, zinc).			
Cyanide, kgs., works	lb.	.38	.41
Dust, bbls., c.l., works	lb.	.1225-	—
dlvd.	lb.	.1250-	—
l.c.l., works	lb.	.1260-	.1325
Fluoride, bbls., works	lb.	.40 -	—
Hydrosulphite, dms., c.l., frt. alld.	lb.	.17¼-	—
l.c.l.	lb.	.17¾-	.19¼
Iodide, NF, jars	lb.	4.85	—
Laurate, bbls	lb.	.45	.46
Linoleate, solid, 9½%, bbls	lb.	.42½-	—
Metal slabs, E. St. Louis	lb.	.11 -	—
Naphthenate, liquid, 8% Zn., frt. alld	lb.	.20¾-	—
10% Zn, dms., frt. alld	lb.	.25¼-	—
Oleate, fused, bbls	lb.	.36 -	—
Oxide, pigment, dom., acicular, bgs., c.l., dlvd	lb.	.11½-	—
l.c.l., dlvd	lb.	.12½-	—
American process, com'l, lead-free, bgs., c.l., dlvd.	lb.	.11½-	—
l.c.l., dlvd	lb.	.12½-	—
leaded, 5%, bgs., c.l., dlvd	lb.	.11½-	—
l.c.l., dlvd	lb.	.12½-	—
35%, bgs., c.l., dlvd.	lb.	.11¾-	—
l.c.l., dlvd	lb.	.12¾-	—
50%, bgs., c.l., dlvd.	lb.	.11¾-	—
l.c.l., dlvd	lb.	.12¾-	—
French process, com'l, leadfree, bgs., c.l., dlvd.	lb.	.13⅝-	—
l.c.l., dlvd	lb.	.14⅝-	—
green seal, bgs., c.l., dlvd	lb.	.13¼-	—
l.c.l., dlvd	lb.	.14¼-	—
red seal, bgs., c.l., dlvd.	lb.	.12¾-	—
l.c.l., dlvd	lb.	.13¾-	—
white seal, bgs., c.l., dlvd	lb.	.13¾-	—
l.c.l., dlvd	lb.	.14¾-	—
USP, ctns., c.l., dlvd	lb.	.14¾-	—
l.c.l., dlvd	lb.	.15¾-	—
Zinc oxide Pac. coast prices 1c. higher; bbl. prices ¼c. higher than bgs.			
Thionosulphonate, NF, gran., bbls., dms	lb.	.33 -	.34
powd., bbls	lb.	.36	.37
Resinate, fused, 1% Zn, dms., frt. alld	lb.	.20 -	—
precip., dms., frt. alld	lb	.22	—
Zinc, silicofluoride, bbls., works	lb.	.10 -	.10½
Stearate, tech., USP, ctns., c.l.,	lb.	.24 -	—
ton lots	lb.	.35 -	—
less ton lots	lb.	.36 -	—
Sulphate, cryst., 22% Zn, bgs., c.l., works, frt. alld	100 lbs.	4.55 -	—
l.c.l., same basis	100 lbs.	4.95 -	—
flake, 23½% Zn, bgs., c.l., works, dlvd	100 lbs.	4.50 -	5.30
l.c.l., works	100 lbs.	4.90 -	6.05
powdered, 36% Zn., bgs., c.l., dlvd., same basis	100 lbs.	7.00 -	7.40
l.c.l., same basis	100 lbs.	7.40 -	8.15
Zinc sulphate in bbls. 40c. higher			
USP, gran., dms	lb.	.22 -	.22½
Sulphide, pure, bgs., c.l., dlvd.	lb.	No prices.	
l.c.l., dlvd	lb.	No prices.	
Barium pigment, bgs., c.l., dlvd	lb.	No prices.	
l.c.l., dlvd	lb.	No prices.	
Calcium, pigment, bgs., c.l., dlvd	lb.	No prices.	
l.c.l., dlvd	lb.	No prices.	
Luminescent pigment, dlvd	lb.	No prices.	
Magnesium pigment, bgs., c.l., dlvd.	lb.	No prices.	
l.c.l., dlvd	lb.	No prices.	
Zinc sulphide and pigment, Pac. coast prices 1c. higher; bbl. prices ¼c. higher than bgs.			
Yellow (see Yellow, zinc)			
Zinc-ammonium chloride, bgs., c.l., works	100 lbs.	7.00	—
l.c.l., works	100 lbs.	7.40 -	—
Zinc-cadmium sulphide, fluorescent, ctns., frt. alld	lb	2.00	2.80
Zinc-calcium resinate, dms., c.l., works	lb.	.1180-	.1360
l.c.l. same basis	lb.	.1220-	.14
Zinc-formaldehyde sulphoxalate, basic, dms., works	lb.	.21¼-	—
normal, dms., works	lb.	.43 -	—
Zircon (see Zirconium silicate).			
Zirconium acetate, 13% sol. ZrO_2, bbls., works	lb.	.21¼-	—
Carbonate, basic, cake, bbls., works	lb.	.30½	—
Hydride, ens., works	lb.	7.00 -	8.00
Nitrate, dms., works	lb.	1.75	—
Oxide, 98½-99% white, grd., bbls. or bags, works	lb.	1.50 -	—
lump, electric-fused, bgs., c.l., works	lb.	.44 -	—
5 tons, works	lb.	.44½-	—
1 ton or less, works	lb.	.45 -	.48
milled, electric-fused, bgs., c.l., works	lb.	.59 -	—
5 tons, works	lb.	.59½-	—
1 ton or less, works	lb.	.60 -	.63
Oxychloride, cryst, ctns., 5 tons, works	lb.	.29½-	—
Silicate, granular, bgs., c.l., works.	lb.	.03¼-	.03¾
10 tons, works	lb.	.03½-	.04
5 tons, works	lb.	.04 -	—
1 ton or less, works	bl.	.04¼-	.04¾
milled, bgs. c.l., works	lb.	.04¾-	—
5 tons, works	lb.	.05¼-	—
1 ton or less works	lb.	.05¾-	.06¾
refined, bgs., c.l., works	lb.	.11	—
works	lb.	.11 -	—
5 tons, works	lb.	.11½-	—
1 ton or less, works	lb.	.12 -	.16
Sulphate, cryst., ctns., c.l., works.	lb.	.37½-	—
5 tons, works	lb.	.38 -	—
1 ton or less, works	lb	.38½-	.39

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Textile and Leather Chemicals

Consumers of textile and leather chemicals continued to operate cautiously and purchases of textile and leather chemicals were restricted to prompt requirements. While trading was spotty, the market remained steady, with the exception of edible albumen and Chinese yolk on spot and for shipment. The price index declined 2.5 for the week.

Feature of the sizing materials market was the strength in corn, which was reflected in corn derivatives, resulting in the stepping up of consuming demand. Corn dextrin and starch were firm at the recent advance. Other sizing materials were in fair inquiry, chiefly for immediate delivery. While interest in potato starch was light, the market was firm, due to the shutdown of production in Maine May 1. Grinders inventories were reported not heavy and closely held to meet requirements during the next few months. Tapioca flour was unchanged and steady for spot delivery, while futures were weak and offered at lower prices for shipment from Brazil. Sago flour was inactive, but steady, owing to the firmness prevailing at producing centers.

Egg albumen edible was easier and reduced 3 cents per pound last week. Domestic egg yolk was unchanged and steady, while Chinese yolk dropped 4 cents per pound on spot due to the lower cost of shipment from China.

Sales of leather during the first quarter of this year were considered as only fair according to an analysis of the leather situation by the Department of Commerce. Tanners generally complained that they were in the center of a price squeeze, and because of this situation, tanners gauged production very close to the volume of new business received. Lower priced leathers continued to comprise the largest share of the demand during the first quarter, with buyers doing considerable shopping before placing orders. Available hide and skin supplies during the first quarter were greater than a year ago, despite the lower domestic production, which declined 3 percent for cattle hides and 11 percent for lamb and sheep skins. This was offset by higher imports.

Market Trends

Prices Advanced

None

Prices Reduced

Albumen, egg, edible, 3c. per lb.
Egg yolk, Chinese, 4c. per lb.

Comparative Price Indexes

(100—August 1, 1914)

Last week	Prev. week	Last month	Dec. 30, 1949	Apr. 29, 1949
234.8	237.3	242.2	286.0	332.7

(For Current Prices see Page 9)

Chemicals

Acetic Anhydride—Consumers absorbed moderate quantities for actual requirements. Production in February totaled 67,355,800 pounds compared with 69,140,000 pounds in January, according to the Census Bureau.

Bichromates—This market remained steady. Demand was fairly active, chiefly for prompt delivery. Production of sodium bichromate and chromate was indicated at 6,771 short tons during February, compared with 7,350 tons in January and 7,987 tons in February last year.

Sodium Acetate—Moderate trading was reported for actual needs. Prices were maintained at former levels. Supplies were adequate to cover requirements.

Sodium Hydrosulphite—Consuming demand was of moderate volume for immediate delivery. Market was unchanged and steady.

Sulphonated Oils—Business was light and spotty. Tallow was lower, while castor oil was unchanged and well held.

Sizing Materials

Albumin Blood—Buying interest was fairly active, though volume of business was smaller than at this time last year. Albumin and dried soluble blood were without change.

Corn Dextrin—Firmness of the grain was reflected in this market and prices were strong at the recent advance. Demand showed moderate improvement. Production was sold ahead with deliveries in active request.

Corn Starch—Consuming demand was good though restricted to prompt delivery. Market was firm, reflecting the strength of corn. Quotations were maintained at the recent advance of 10c. per 100 pounds. Visible corn supply declined 429,000 bushels to 41,995,000 bushels for the week ended April 22, compared with 16,618,000 bushels for the corresponding week last year, according to the Chicago Board of Trade. Record stocks of corn totaling 2,013,739,000 bushels in all positions on April 1 were reported by the Bureau of Agricultural Economics held as follows:—1,634,182,000 bushels on farms; 238,967,000 bushels held by Commodity Credit Corp.; 93,150,000 bushels at interior mills, elevators and warehouses and 47,440,000 bushels at terminals.

Egg Albumen—Trend of prices was still downward last week for edible albumen. Prices were reduced 3c. to $1.17 to $1.19 and powder, $1.22 to $1.24 per pound, on spot, depending upon quantity and seller. Technical of good quality was held at 78c. to 85c. per pound, while lower grades were quoted down to 74c. Department of Agriculture reported April 12 the purchase of 2,973,000 pounds of dried eggs at 96c. per pound for delivery during April and May. Total purchases since January 1 were reported about 29,000,000 pounds.

Egg Yolk—Domestic yolk prices remained steady, irrespective of the lower cost of Chinese on spot or for shipment from primary sources. Trading in domestic was fair, mainly for prompt requirements. Prices ranging from $1.09 to $1.12 per pound, according to quantity. Chinese was easier with the lower cost of shipments, and supplies on the spot were reduced 4c. to 94c. to 96c. per pound, duty paid, as to quantity.

Potato Starch—Trading was restricted to less carlot quantities for immediate needs. Prices were unchanged and steady. Carlots were quoted at 5c. per pound, f.o.b. Maine and Idaho. Production in Maine was scheduled to cease May 1. Grinders inventories were reported not heavy and were maintained at current quotations. Limited quantities of government owned starch were reported moved at 4½c. per pound, f.o.b. Presque Isle, Me. Stocks on the spot were quotably unchanged at 7c. to 7½c. per pound, exwarehouse, as to quantity.

Rice Starch—Demand was spotty for small quantities for actual needs. Stocks on the spot were quoted at 12½c. per pound.

Sago Flour—Stocks on the spot were well held at 5½c. to 5¾c. per pound as to quantity. Demand was light, though the market was steady, with the firmness of shipments from primary sources.

Tapioca Flour—Consumers showed little interest in shipments from abroad and confined demand to stocks on the spot. Prices were unchanged. Brazilian high grades ranged from 8c. to 8½c., exwarehouse; medium, 7½c. to 7¾c. and low, 7c. Siamese, high grade was quoted at 5½c. to 5¾c.; medium, 4¾c. to 5c. and low, 4c. to 4¼c. New crop Brazilian flour was available at lower prices with inquiry slow for replacements.

Tanning Materials

Cutch—This market remained steady. Consuming inquiry was active for replacements. Offers for shipment were maintained at 7c. per pound, exdock, duty extra.

Mangrove Bark—Quiet conditions prevailed in this market. Bark for shipment from South America was maintained at unchanged quotations, despite lack of consuming inquiry.

Myrobalans—Inquiry for replacements was dull, showing no improvement. Shipments were quotably unchanged and offered freely. Imports totaled 7,210 bags at New York and 2,095 bags at Baltimore last week.

Quebracho Extract—While business was restricted to prompt delivery, shipments were maintained at unchanged prices. Offers for shipment continued liberal. Arrivals were heavy last week. Some 13,970 bags were received at Boston; 5,560 bags at Norfolk; 1,955 bags at New York and 4,300 bags at Baltimore.

Valonia—Imports of 3,210 bags of cups and 670 bags of beards were noted at New York last week.

Wattle—Consuming inquiry for bark was fairly active for prompt shipment. Offers for shipment were light owing to limited available supplies at African production sources. Extract was inactive and in adequate supply. Prices of both materials were steady. Arrivals of bark totaled 4,960 bales at New York last week against former contracts.

For Late Market Developments, See Page 4

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Coaltar Chemicals

For the second consecutive week the steel industry broke all previous production records and set a new all time high output. For the week ended April 29 the American Iron and Steel Institute reported scheduled production at 100.3 percent of capacity, equivalent to 1,912,000 tons of ingots and castings. The previous week production was 1,906,300 tons, and one year ago 1,797,400 tons. There were no price changes in this market last week, and a period of good price stability was expected for the immediate future.

Benzol continued short of the overall demand, and consumers were primarily concerned with getting enough material to take care of immediate needs. The result was that the accumulated pressure of demand for such derivatives as phenol and styrene monomer was not much relieved last week, but it at least did not become any more acute and a gradual easing was to be expected.

Toluol, xylol, and solvent naphtha from coaltar sources remained tight. Refined pyridin was short. Cresylic materials were in a somewhat closer balance between supply and demand. Creosote and naphthalene were plentiful.

Phthalic anhydride, despite recent sharp price reductions, was in relatively slow demand against long supplies due in part to the reduced volume of plasticizer demand and to the reduction of inventories by certain large consumers. Alkyd resin call on phthalic maintained a high level. Monochlorobenzene and anilin were firm and moving in heavy volume, the supply being not more than slightly out of balance with demand. Technical acetanilide was in moderately good call and dinitrophenol was steady.

Basic Products

Benzol—Supplies were still short, demand continued at a high level, and prices were unchanged. There was no indication of any significant relief in the short supply situation for the immediate future, but from a long term point of view most producers and consumers were optimistic.

The production figures released by the Tariff Commission reflected the sharp curtailment of benzol production by coke oven operators during the last half of February when the effect of the coal strike began to bear heavily upon coke oven operations. At this early period of the strike pinch, tar distillers had not yet been hit, and actually increased their output of both motor grade and the refined grades.

February production of motor grade benzol by tar distillers increased to 588,666 gallons, compared with their January revised production figure of 295,912 gallons. Coke oven operators, on the other hand, dropped their production in February to 530,688 gallons, compared with the January output of 722,451 gallons.

The production of industrial and nitration benzol from petroleum and by tar distillers totaled 1,113,777 gallons in February, an increase over the revised production figure for January of 980,293 gallons. Meanwhile, coke oven production of these grades fell off from the January total of 12,976,621 gallons, to 9,591,063 gallons in February.

Creosote—There was a sustained good demand for the wood preservers grade, and output was held at a high level, with imported material continuing to move in good volume. Prices were unchanged. The Tariff Commission reported February production by tar distillers as amounting to 7,883,097 gallons, compared with the revised production figure for January of 8,368,158 gallons. Output by coke oven operators in February was 2,179,935 gallons, compared with the January production of 2,228,991 gallons.

Cresol—The demand for various cresol grades continued strong last week, with supplies in somewhat less than a balance with demand, but a gradual easing expected over the coming months. Prices held firmly to established levels. Production figures on meta-para material released by the Tariff Commission indicated February output at 516,468 pounds, compared with the January production of 427,410 pounds.

Cresylic Acid—Prices on domestic material produced from coaltar and from petroleum, as well as imported acid, remained unchanged. Demand was reported as well sustained. The total output of cresylic acid from coaltar by both tar distillers and coke oven operators was reported by the Tariff Commission for February as 2,213,139 pounds, compared with January's total of 3,014,800 pounds. The drop in the February production was mostly to be found in the output of coke oven operators which were the first to be adversely affected by the coal strike.

Naphthalene—Crude and refined materials were in abundant supply and the recently established lower price levels held firm. Production of crude melting at less than 79°C was reported by the Tariff Commission as amounting to a total of 22,977,053 pounds in February, compared with the January total output of 25,719,972 pounds. Of the February total, tar distillers accounted for 16,081,439 pounds and coke oven operators 6,895,614 pounds. Output of refined moth proofing naphthalene by tar distillers amounted to 5,885,256 pounds in February, compared with 5,766,425 pounds in January.

Phenol—An overall view of the combined synthetic and natural phenol supply was one of a mild shortage, but most consumers were able to get enough material to see them through their immediate needs with none left over for building up normal inventories. The combined total February production of natural and synthetic, technical and USP, grades was reported by the Tariff Commission as amounting to 20,756,427 pounds, a decrease from the January output of 23,646,389 pounds.

Pyridin—The various grades of pyridin, with the exception of refined 2 degree material, were reported in ample supply. Heavy demand for the refined grade as an intermediate in the manufacture of organic and pharmaceutical chemicals continued strong, maintaining a tight supply position in the market. Prices were unchanged. No February production figures were available.

Toluol—Coaltar source material was considerably short of meeting the demand, but the overall toluol supply situation was described as adequate and no one who really needed tololul was unable to get it from one source or another. The Tariff Commission reported toluol production by coke oven operators at 1,911,937 gallons, compared with the revised January production figure of 2,439,891 gallons, a drop reflecting the initial effects of the coal strike. Output of toluol from all other sources combined was reported as 3,958,462 gallons in February, as against the revised production figure of 4,197,055 gallons in January.

Xylol—Total xylol output from all sources in February was reported by the Tariff Commission as 5,387,778 gallons, compared with the revised figure for January at 4,426,593 gallons. Coaltar source material remained scarce and in quite inadequate supply. Prices were unchanged.

Market Trends

Prices Advanced
None

Prices Reduced
None

Comparative Price Indexes
(100=August 1, 1914)

Last week	Prev. week	Last month	Dec. 30, 1949	Apr. 29, 1949
104.3	104.3	107.4	110.1	130.7

(For Current Prices see Page 9)

Coke By-Products

Estimates of by-product cokeoven operations in the week ended April 15 indicate the following output of by-products from that source:—

Ammonia liquid NH_3	lbs.	1,030,185
Ammonia sulphate	lbs.	26,676,387
Benzol	gals.	3,361,758
Coaltar	gals.	12,470,669
Creosote oil	gals.	694,019
Naphthalene, crude	lbs.	1,648,297
Phenol	lbs.	195,193
Toluol	gals.	672,331
Xylol	gals.	151,816

Dyes

The business lull over recent weeks in the textile industry was reflected in a diminished demand for dyestuffs, most of which were in quite ample supply. The Tariff Commission reported production of 581 direct black EW in February as 385,065 pounds, compared with the January output of 541,555 pounds. February output of 302 Naphthol AS was 44,666 pounds.

Intermediates

Acetanilide—Technical material was in a steady demand and moving under a firm

For Late Market Developments, See Page 4

Here's complete information on KOPPERS Synthetic CHEMICALS

FOR COMMERCIAL PRODUCTION

Bulletin C-9-103 lists the properties, reactions and uses of 26 synthetic organic chemicals produced in commercial quantities by Koppers Chemical Division. Most of these chemicals have established commercial applications, but are of interest as well to research and development chemists. This bulletin describes the following products:

sec-Butylbenzene
Catechol
meta-Cresol
Diethylbenzene
Dihydroxydiphenyl Sulfone
Diphenylaminechlorarsine
Di-tert-butyl-meta-cresol
Di-tert-butyl-para-cresol
Divinylbenzene
Ethylbenzene
Hydrocyanic Acid
Hydrogen Cyanide, Industrial Grade
Isopropyl Phenols
beta-Methyl Umbelliferone
Mono-tert-butyl-meta-cresol
Nonyl Phenol
Penacolite ® Adhesives
Phenolsulfonic Acid
Phthalic Anhydride
Propiophenone
beta-Resorcylic Acid
Resorcinol
Sodium Sulfite
Styrene Monomer
Sulfuric Acid
Polystyrene

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Bulletin C-9-139 describes the properties of a group of synthetic chemicals available in limited quantities from Koppers pilot plant operations. Each of these chemicals offers possibilities for further research and development work in your own laboratories. The following products, available in small lots of one pound or more at a nominal charge, are described in the bulletin.

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Di-tert-Butyl-ortho-Cresol
ortho-tert-Butyl-ortho-Cresol
para-tert-Butyl-ortho-Cresol
para-Isopropyl Phenol
Mono-tert-Butyl-ortho-Isopropyl Phenol
Di-tert-Butyl-ortho-Isopropyl Phenol
ortho-(alpha-Phenethyl) Phenol
para-(alpha-Phenethyl) Phenol
ortho-(alpha-Phenethyl) para-Cresol
Phenethyl Resorcinols
Monochlororesorcinol

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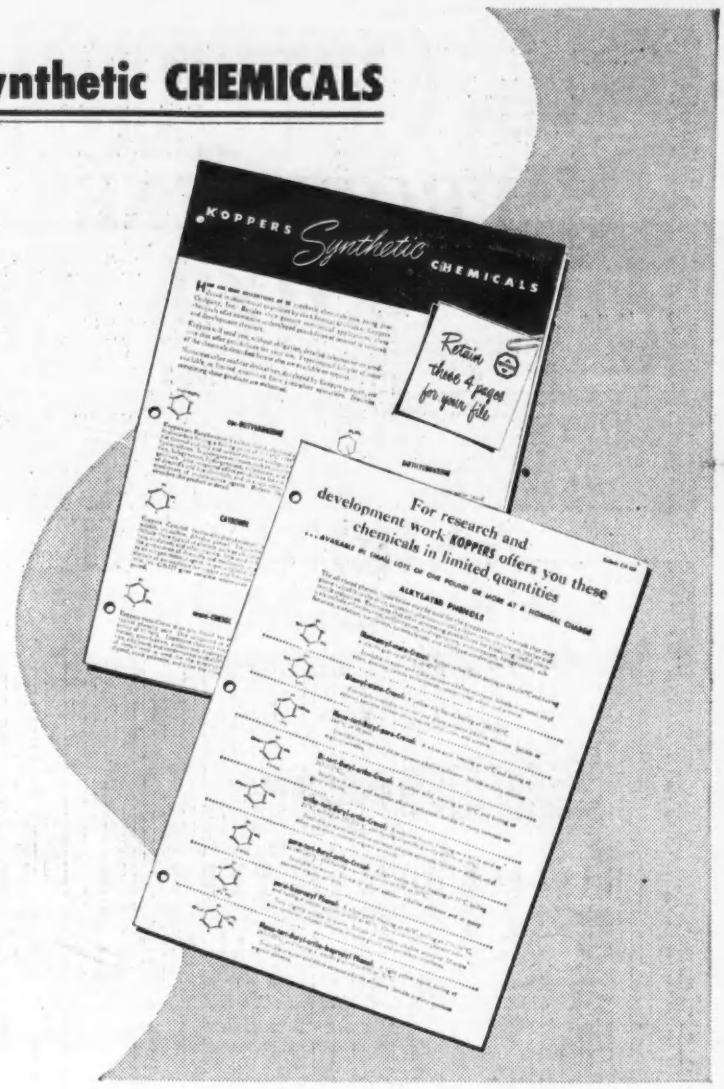
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Koppers Building, Pittsburgh 19, Pa.

price structure in which carlots were quoted at 22 cents per pound. Less than carlot quantities were listed at 23 cents for shipments of one ton or more, and ranged up to 26 cents for less than ton lot quantities. The Tariff Commission reported February production at 348,453 pounds, compared with a January output of 450,795 pounds. These production figures combined the output of both technical and USP material, but it was known that the technical grade production and use far exceeded the pharmaceutical grade.

Anilin—Demand for aniiin continued to run at a high level, with supplies somewhat on the short side but not generally critical, reflecting the effect of the benzol shortage on this large volume intermediate. Some of the pressure which would normally bear heavily on the anilin market was not exerting its full force beacuse of the slack business conditions prevailing in some sections of the textile industry, a situation which was reflected in lesser demand for anilin as a dyestuffs intermediate. Prices were unchanged from the 14 cents per pound in tankcars which has prevailed in the market over many months. Drum carlots were quoted at 15 cents, and less than carlot drum quantities at 16 cents. These prices were on an f.o.b. works basis.

February production was reported by the Tariff Commission as 6,724,624 pounds, off some 916,308 pounds from the January output of 7,643,932 pounds.

Metanitroparatoluidine—The firm position of prices remained undisturbed last week, and was expected to hold, as it has for many months, at $1.28 per pound in barrels. Supplies were regarded as adequate.

Monochlorobenzene—Demand for chemical intermediate use continued strong, and prices were unchanged from their former levels. February production was reported by the Tariff Commission as totaling 24,776,615 pounds, compared with a January output of 25,790,686 pounds. There was a slight scarcity of this large volume intermediate as a result of the benzol shortage, but it was not felt to be critical.

Phthalic Anhydride—A long supply position against a reduced business volume, even at the recent sharply reduced price schedules, was characteristic of the market. The slowness of the current demand was regarded as largely a temporary situation, because the alkyd resin business maintained a good business volume which was expected to continue. However, part of the business decline was due to a lesser demand for plasticizers, and a part of it was due to heavy inventories on the part of some consumers. In addition, the tremendously expanded production capacity of the industry was such that a good peacetime business volume would not be sufficient to keep all plants operating at anywhere near capacity levels. This fact tended to make things look worse than they actually are.

The plentiful supply of naphthalene combined with ample, if not excessive, production capacity also gave consumers a feeling that there was no need to carry substantial inventories because the material could be gotten promptly from almost any source. Meanwhile, producers were faced with the problem of gearing their plant operations to the buyers attitudes, and at the same time hedge against getting caught with exceedingly low inventories in the event of a sudden and sharp change in buying psychology, such as occurred last August and early September.

The Tariff Commission reported phthalic production in February at 17,089,595 pounds, compared with the January output of 17,174,300 pounds.

Styrene—With the demand for polystyrene and the various styrene copolymers, such as rubber, continuing at a high level, the chief problem of styrene producers was one of getting enough benzol to take care of all consuming needs for styrene monomer. It was reported in most quarters, however, that sufficient benzol was forthcoming from one source or another to take care of the immediate requirements of styrene customers, but no more.

Some easing of the scarce supply was expected to develop gradually over the coming months as benzol becomes more free. Prices were unchanged. The Tariff Commission reported monomer production for February at 35,760,092 pounds, compared with the January figure of 33,396,749 pounds.

Tobias Acid — Prices were unchanged from the 65 cents per pound which has characterized this market over recent months. Supplies were reported as abundant, and demand currently not more than moderate because of the slow textile markets.

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Bids Wanted

Albumen, egg, flake, 3,490 pounds, Army engineers Corps (Chicago 6), invitation DA-ENG-R-1241, May 22.

Baking powder, 36,710, pounds, Bureau of Prisons (Washington 25), invitation 4007, May 15.

Carbon dioxide, solid, 50,000 pounds, Naval Gun Factory (Washington 25), invitation 9500-NGF, May 10.

Chemicals, including sodium bicarbonate, sodium thiosulphate, corn starch, and sulphuric acid, Veterans Administration (Washington 25) invitation A-101, May 8.

Dye, coal tar, 1,500 to 10,000 pounds, Department of Agriculture (Washington 25), invitation 1283, May 2.

Ethyl alcohol, denatured, Army Engineers Corps (Chicago 6), invitation DA-ENG-B-1241, May 22.

Fire retardant, 10,150 pounds, Army Ordnance (Picatinny Arsenal, Dover, N. J.), invitation 303, May 8.

Grease cleaning solvent, 4,055 gallons, Army Engineers Corps (Chicago 6), invitation DA-ENG-B-1241, May 22; 6,750 gallons, Army Ordnance Department (Raritan Arsenal, Metuchen, N. J.), Invitation 371, May 24.

Laundry materials, water & stain repellent, Veterans Administration (Washington 25), invitation 231-S, May 4; starch, type 1, 136,920 pounds, invitation 232-S, May 4.

Metal conditioner, 18,000 gallons, Navy Department (Aviation Supply Office, Philadelphia 11), invitation 50,310, May 22.

Paint, varnish & lacquer: paint, various, 508 gallons, U. S. Air Force (Castle Base, Calif.), invitation 10, May 18; 23,500 gallons, Navy Department (Aviation Supply Office, Philadelphia 11), invitation 50,255, May 8; 255 gallons, invitation 50,282, May 12; 4,400 gallons, invitation 50,277, May 16; enamel, 12,800 gallons, invitation 50,266, May 11; 5,300 gallons, and 300 pounds, invitation 50,266, May 11; approx. 3,800 gallons, invitation 50,287, May 16; lacquer, 855 gallons, invitation 50,290, May 17; 500 gallons, invitation 50,275, May 16; varnish, spar, 25,500 gallons, invitation 50,255, May 8; enamel, 10,000 gallons, Army Ordnance Department (Raritan Arsenal, Metuchen, N. J.), invitation 355, May 22; 15,000 gallons, invitation 356, May 22; lacquer, 10,000 gallons, invitation 354, May 22; 475 gallons, Army Quartermaster (New Cumberland, Pa.), invitation 38, May 4; enamel, 2,800 gallons, Federal Supply Service (Washington 25), invitation 5M-188198-R, May 10; paint, 7,000 gallons, invitation 5M-88199-R, May 10; enamel, 600 gallons, Federal Supply Service (New York 13), invitation NY-&-BO-W-22304, May 2; enamel, 2,500 gallons, Federal Supply Service (Chicago 6), reference 23091, May 10; 2,000 gallons, invitation CH-20993, May 4; paint, 210 gallons, reference 23071, May 10; 550 gallons, invitation CH-20993, May 4.

Photographic chemicals, indefinite quantity, part II, term contract, Federal Supply Service (Washington 25), reference class 51, May 23.

Potassium gold cyanide, 67% gold, Army Ordnance Department (Picatinny Arsenal, Dover, N. J.), invitation 309, May 9.

Soap, toilet, 7,802 gallons, Federal Supply Service (Washington 25), invitation 3M-88032-R, May 10; powder, 153,000 pounds, invitation 88352(3), May 16; soft, 215,000 pounds, Veterans Administration (Washington 25), invitation A-101, May 8.

Sodium hyposulphite, photographic, 6,900 pounds, Army Engineers Corps (Chicago 6), invitation DA-ENG-B-1240, May 19.

Tablets, saccharin sodium, sodium chloride, thiamine hydrochloride, Veterans Administration (Washington 25), invitation A-101, May 8.

Thinner, enamel, 5,000 gallons, Navy Department (Aviation Supply Office, Philadelphia 11), invitation 50,267, May 11; 3,000 gallons, Federal Supply Service (Washington 25), reference 5-G-88402, May 10.

Trichlorethylene, 664,950 pounds, U. S. Air Force (Wright-Patterson Base, Dayton, Ohio), invitation 039-1610, date undecided.

Turpentine, gum spirits, 1,375 gallons, Federal Supply Service (Chicago 6), invitation CH-20993, May 4.

Wax, water emulsion, 16,500 gallons, Federal Supply Service (Washington 25), reference 5G-88403, May 10; paste, 8,580 pounds, Federal Supply Service (East Point, Ga.), reference 11094, May 3; 1,020 pounds, Federal Supply Service (Fort Worth, Texas), invitation 9539, May 12.

White lead, in oil, 5,000 pounds, Department of the Interior (Portland, Oregon), invitation 5113, May 11.

Wood preservative, 9,460 gallons, Navy Department (Aviation Supply Office, Philadelphia 11), invitation 50,299, May 18.

Textile Finishers President Given Luncheon Salute

Some 200 men and women from various branches of the textile industry and its sources of supply extended a salute, April 25, to Arthur G. Poor, recently elected president of the National Association of Finishers of Textile Fabrics. The occasion was a luncheon staged under the auspices of the Textile Square Club of New York, whose president, Harry Riemer, was master of ceremonies.

Testimony to, and appreciation of, the cooperative spirit of the finishers' association and the enhancement thereof which Mr. Poor would develop, were voiced by a number of speakers. The first was C. Norris Sabold, president of the American Association of Textile Chemists and Colorists. Others included Max Lovell, spokesman for the shirt, pajama, and sportswear industry; Dr. George Linton, dean of the textile department of the Institute of Fashion Technology; W. Ray Bell, "Mayor of Worth Street"; Dean Lewis, president of the Silk and Rayon Dyers and Finishers Association; and William Pickett, president of the Textile Fabrics Association, the converters' organization.

Among representatives of participating groups introduced by the master of ceremonies were Herbert Morrow, head of the New York dye headquarters of the Calco Chemical Division, American Cyanamid Company; William Harris, a member of the textile industry for fifty-four years; and Howard Fletcher, executive vice-president of the silk and rayon finishers' organization. Mr. Poor, the guest of honor, is head of the Standard Bleachery & Printing Company, New York.

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Petroleum Derivatives

Prices on aliphatics advanced ½c. per gallon on the east coast last week. This resulted largely from an increased cost of gasoline, which has a close bearing on the aliphatics. Gasoline prices rose at the wholesale level by 7/10 cent per gallon during the week along both the east and gulf coasts. The aliphatics affected were:—cleaners' naphtha, industrial heptane, industrial hexane, lacquer diluent, mineral spirits, industrial octane, rubber solvent, stoddard solvent and V.M.&P. naphtha. The latter material was unchanged at Philadelphia, however.

Petroleum toluol and xylol continued at about the same levels of supply and demand that were noted in recent weeks and prices were unchanged. The lighter fractions were largely unchanged. Some reports had it that demand for L.P.G.'s was picking up as a result of the opening of summer homes, although others stated that such a demand would not be noted until Decoration Day.

Microcrystalline wax continued in a strong demand, but the supply was none too strong. Paraffin was also strong on call but a bit better as far as supply was concerned. Prices on both were without change. Petrolatum, which had been fluctuating recently, was quiet, although there were some who thought the fluctuations were not over as yet. White mineral oils were steady as to price and continued in good demand.

Solvents and Diluents

Aromatic Solvents — The demand for toluol and xylol continued at a good rate during the past week. One producer reported that business was coming in at such a rate that it had to turn down orders. In general, however, the supply was in reasonably good shape and, taken as a whole, was up to the demand. There were no changes reported in the price listings and there were no indications that there were any in prospect at this time.

Higher boilers were still in a strong demand. Supply was good but the call was of such proportions as to put a strain on it. Prices were still holding. Blends were in good demand, as they had been for some time past. Supply was sufficiently high to meet normal orders.

Cleaners' Naphtha—Prices in the east advanced ½c. during the period under review. Supply was high enough for producers to meet the requirements of the market without difficulty. Demand continued to hold at levels that were thought of as satisfactory.

Lacquer Diluent — Along with other aliphatics, this item was upped ½c. last week on the east coast. Stocks were at reasonably good levels, and were generally high enough to meet the needs of users, although there were not such heavy stocks as to cause any material to back up on the market. Demand was at good levels, with a part of the orders resulting from the seasonal pickup in the paint trade.

Mineral Spirits—The price of this material went up ½c. along the eastern seaboard last week. The paint trade was in its brisk period and that was accounting for an added demand. Stocks, however, were at a good point and the producers were having no particular difficulties in filling the needs of their customers.

Rubber Solvent — A ½c. increase was noted in the price of this item on the eastern seaboard during the period under review. Demand was running at reasonably good levels and the indications were that it would continue that way. Supply was at levels sufficiently high to fill the needs of the market without particular trouble.

Stoddard Solvent—The feature of this market last week was an increase of ½c. along the east coast. Demand was at reasonably good levels but was not high enough to be called heavy. Supply was at a point that made it possible to meet the needs of the market without difficulty, and was perhaps a bit on the long side.

V. M. & P. Naphtha—Prices along the east coast, except at Philadelphia, were upped ½c. during the past week. The spring season was having its effect on the demand, which was on the upswing, a normal thing at this time of year. Supply was sufficiently high to meet the needs of the market.

Market Trends

Prices Advanced

Cleaners' naphtha, east coast, ½c. per gal.
Gasoline, east and gulf coasts, 7/10c. per gal.
Heptane, industrial, east coast, ½c. per gal.
Hexane, industrial, east coast, ½c. per gal.
Lacquer diluent, east coast, ½c. per gal.
Mineral spirits, east coast, ½c. per gal.
Octane, industrial, 10° C., east coast, ½c. per gal.
Rubber solvent, east coast, ½c. per gal.
Stoddard solvent, east coast, ½c. per gal.
V.M.&P. naphtha, east coast, ½c. per gal.

Prices Reduced

None

(For Current Prices see Page 9)

Lighter Fractions

L.P.G.'s—Demand was at good levels. Some had said that the opening up of summer homes was bringing an increase in call but there were others who stated that this demand would not be felt to any great extent until Decoration Day. Supplies of propane were good in the country generally, although there was some sectional tightness reported. There were now some supplies of butane available that were not at hand thirty days ago. Prices of propane recently went up ¼c. in New York to 6c., and ½c. in Baltimore and Philadelphia to 6¼c.

Waxes

Pricewise, there were no changes in the market for microcrystalline during the period under review. Demand was still running strong, and the indications were that it would continue that way. Producers were finding that it was not a particularly easy task to meet the needs of the market.

Crude and fully refined paraffin continued to be in strong demand, and, while there was sufficient supply to meet the needs of the market, there were no overages accumulating. There were no changes reported in the price listings.

Miscellaneous Materials

Crude Petroleum—The production of crude averaged 4,967,000 barrels daily during February, an increase of 45,000 barrels over January, according to figures from the Bureau of Mines. Among many small gains, the largest were in Oklahoma, which registered an increase of 21,000 barrels. Others showing increases were: — Kansas, 9,300; Illinois, 7,200; Louisiana, 6,400. Declines were noted in Texas and California.

Gasoline—Wholesale prices rose 0.7c. a gallon last week along the Gulf coast and the East coast. It was intimated that other increases might be forthcoming. The higher prices were said to reflect strength in the Gulf coast refinery market.

Petrolatum—Pricewise, the market was steady during the period under review, although that was not taken as a concrete indication that it would continue that way. Recently there had been price fluctuations and there was some opinion that they were not over as yet. Demand continued to be noted at a rate that was satisfactory to the trade and the general supply was reported to be ample to meet it.

White Mineral Oils—Demand remained at a good level during the period. Supply was in pretty good shape and there was generally enough of the material available to meet the normal needs of the trade. There were no changes reported in the price listings and there were no indications that there would be any in the immediate future.

Los Angeles Petroleum Market

The local market continues firm with moderate trading throughout the week. No price changes were reported, with current listings of cleaning solvent from 15½c. to 19½c. per gallon, tankwagon, ex-tax, f.o.b. Los Angeles basin area; lacquer diluent from 16½c. to 20½c. per gallon, same basis, and stoddard solvent from 15.7c. to 19.5c. per gallon, same basis.

The oversupply condition is still the only important aspect of the market. Prices for propane and butane are unchanged with both quoted at 5.3c. per gallon, tankcars, f.o.b. Los Angeles basin area.

Crude Oil Stocks

Stocks of domestic and foreign crude petroleum at the close of the week ended April 15 totaled 241,324,000 barrels, according to the Bureau of Mines. Compared with the total of 329,463,000 barrels for the preceding week, this represents an increase of 1,301,000 barrels in stocks of domestic crude and an increase of 560,000 barrels in stocks of foreign crude.

For Late Market Developments, See Page 4

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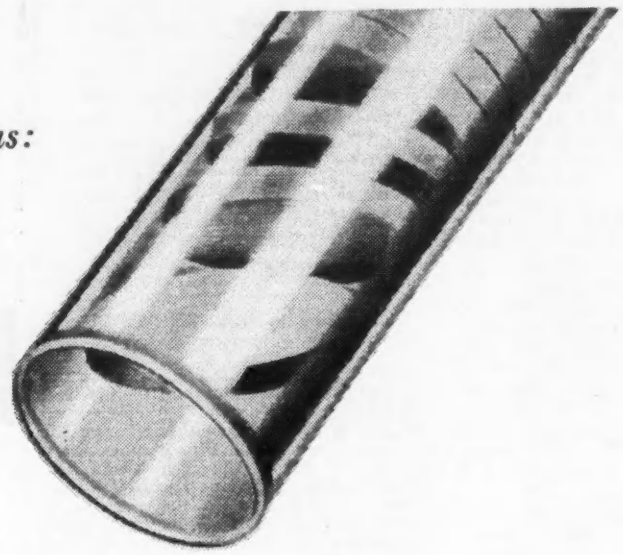

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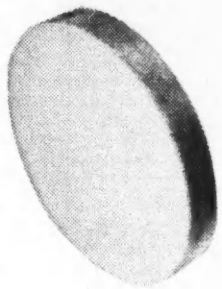

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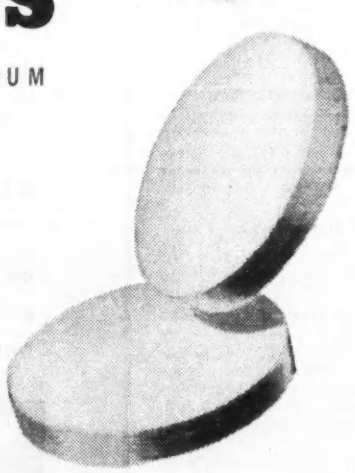

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Drugs and Fine Chemicals

Price stability was a feature of this market last week, with changes confined to an advance of 10 cents per 100 pounds in corn syrup, 1½ cents per pound on cocoa butter, and an upward price adjustment in bromoform made by one manufacturer applicable to bottled packaging only. Business in most drug items was described as very slow, while industrial organics continued to move in heavy volume under a sustained strong demand. The index was unchanged.

Demand for codliver oil was slow. Vitamin A held firm at the recently established low levels brought about by large volume production of synthetic materials. The fewer than expected offerings of menthol from Brazil lent a strong tone to the domestic market. Choline bitartrate which made its appearance on the market some months ago was now offered in large volume at prices competitive with the other choline salts.

Trading in castor beans remained at a low ebb with prices on a nominal basis. Penicillin, streptomycin, and other antibiotics were moving in heavy volume under a strong demand with prices holding to former levels. The various vitamin materials were showing their usual price stability, with demand somewhat on the decline.

Ester and ketone solvents were firm, business volume was reported good, and with the exception of fermentation amyl acetate and fusel oil, supplies were said to be adequate. Ethyleneglycol moved in heavy quantities, most of the established consuming channels were well taken care of, but there was little material available for spot buyers. Methanol and formaldehyde were abundant and large volume shipments were promptly made to take care of the sustained good demand.

April business in alcohol was above expectation and prices established at the second quarter were well held. Salicylates were firm at the higher prices effected in March, supplies were ample and demand was reported as moderate.

Acetanilide—USP material was in quite limited demand and abundant in supply. The Tariff Commission reported the combined output of technical and USP grades at 348,453 pounds during February, compared with a January production of 450,795 pounds.

Acetylsalicylic Acid—Demand for aspirin was reported as steady at a good level, although the drug business in general was reported as slow. Prices were unchanged and there was an abundant supply available. The Tariff Commission released production figures for February as 823,532 pounds, compared with the January output of 828,709 pounds.

Alcohol—The Alcohol Tax Unit, Bureau of Internal Revenue, Treasury Department, on April 29 released data on the supply, production, withdrawals, and stocks of ethyl, completely denatured and specially denatured alcohol during the month of March, 1950, in comparison with March, 1949:—

Production

	Proof gallons	
	1950	1949
Ethyl	27,303,898	28,425,789
*Completely denatured	72,262	170,530
*Specially denatured	16,671,221	14,950,380

Withdrawals

	Wine gallons	
	1950	1949
†Ethyl, tax paid	3,846,070	2,944,017
tax-free	30,590,283	28,135,392
*Completely denatured	61,926	221,012
*Specially denatured	17,025,015	13,866,379

Stocks

	Gallons	
	1950	1949
†Ethyl	24,049,653	37,741,102
*Completely denatured	107,817	115,462
*Specially denatured	2,764,910	4,132,626

* Wine gallons. † Proof gallons.

According to the Alcohol Tax Unit, materials used in industrial alcohol plants in the Marches of 1950 and 1949 were as follows:—

	Pounds	
	1950	1949
Corn and corn products	1,088,427	7,824,172
Rye and rye products	.....	.....
Malt and malt products	115,864	691,005
Wheat and wheat products	5,396	36,040
Sorghum grain & sorghum grain products	.....	1,339,700
Total grain	1,209,687	9,890,917
Potatoes & potato products	2,446,279	12,819,525
Ethylene gas	4,958,041	4,395,730
Other materials	154,000	156,910
	Wine gallons	
	1950	1949
Molasses	12,855,653	13,150,196
Ethyl sulphate	10,877,471	10,328,670
Sulphite liquors	19,108,400	20,640,900
Other materials	2,030,742	1,943,818
*Products used in redistillation	2,764,742	3,105,664

* Proof gallon.

Market Trends

Prices Advanced

Cocoa butter, 1½c. per lb.
Corn syrup, 10c. per 100 lbs.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week	Prev. week	Last month	Dec. 30, 1949	Apr. 29, 1949
253.2	253.2	252.7	254.4	257.4

(*For Current Prices see Page* 9)

Amyl Acetates—Tariff Commission reports indicated that the combined production of 90 percent normal and isoamyl acetates in January amounted to 462,533 pounds. No production figures were available for February. Meanwhile amyl acetate maintained the 3 cents per pound higher price level established the previous week, and supplies remained quite tight.

Ascorbic Acid—The combined output of the acid and its various salts in February was reported by the Tariff Commission as 48,336 pounds, as compared with the January output of 100,098 pounds. Supplies were plentiful and prices were unchanged from the firm levels held over many months. Business was said to be currently slow.

Bromine—Purified material was reportedly in quite ample supply to meet the steady demand, and prices were firmly held at 21 cents per pound in carlots on a freight allowed basis. Bromine in lead lined drums, when drums were available, was also quoted at 21 cents. In 1,000-pound lots, the price stood at 23 cents and ranged upward to 28 cents per pound for single packages.

Bromoform—A producer of pharmaceutical grade material advanced the price structure on bottles to $1.70 per pound in 100-pound lots, $1.75 in 50-pound lots, and $2.50 per pound in less than 50-pound lots. There was still material being offered on the market, however, in five-pound bottles at $1.52 per pound in 100-pound lots, $1.55 in 50-pound lots, $1.57 in 25-pound lots, and prices ranged upward to $1.72 for a single bottle. Carboys were unchanged in price.

Butyl Alcohol—Prices remained unchanged despite the fact that most of the producing industry felt that from a cost angle they were too low. The competitive situation existing in the market was such that it was felt likely any rise in prices would be delayed until near the end of the quarter. The same thing, of course, also applies to the acetate. Meanwhile, demand maintained a good level and so long as business volume keeps up at the current rate no one was actually suffering a loss.

Tariff Commission reports indicated that the production of normal butyl alcohol in February amounted to 7,533,817 pounds, compared with a January output of 8,809,141 pounds.

Castor Oil—Castor oil prices were unchanged last week. Beans were not being traded, and prices were nominal at $124 to $125 per long ton.

Arrivals of beans last week amounted to 10,085 bags equivalent to 1,512,750 pounds, compared with 102,646 bags or 15,396,900 pounds the previous week, and 10,868 bags or 1,630,200 pounds during the corresponding week of last year.

Total arrival of beans since January 1 of this year amounted to 568,209 bags equivalent to 85,231,350 pounds, compared with 768,830 bags or 115,314,500 pounds during the same period of 1949.

Choline Bitartrate—On a freight adjusted basis, the bitartrate was quoted at $2.45 per pound in 1,000-pound lots, $2.50 in 500-pound lots, $2.60 in 100-pound lots, and $2.70 in 25-pound lots. The material was in crystalline form said to be suitable for tabletting.

Cocoa Butter—Prices advanced 1½c. per pound in a stronger market, bringing prices to a range of 49c. to 51c. per pound. The great bulk of trading was done at the higher level, which was unchanged from that of the previous week.

Corn Syrup—Effective April 27, the price of this material was advanced 10c. per 100 pounds, reflecting recent movements in the commodity market.

Ethyl Acetate—Supplies of this item were regarded as ample, and a sustained strong demand was evident in the market. Prices were unchanged from levels established last July, despite increased costs, and it was felt in some sections of the industry that an upward adjustment might develop at a later date. Production of the 85 percent grade was reported by the Tariff Commission for February at 6,916,-

For Late Market Developments, See Page 4

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993 pounds, compared with January at 6,449,116 pounds.

Ethyl Ether—Ample quantities of ether were available to take care of the sustained good demand which has characterized the market over recent weeks on the industrial grades. Prices were firm at levels prevailing over recent months. Production for February was reported by the Tariff Commission as 2,827,348 pounds of combined output for the technical and USP grades. January output was 2,554,658 pounds.

Ethyleneglycol—There was no change in the price of this item and none expected. Demand was holding up well. Many of the usual consuming channels were reportedly becoming pretty well filled, but there was not enough material available that any substantial amount of spot glycol could be picked up. Production in February was reported by the Tariff Commission as 39,740,394 pounds, a slight increase over the 38,937,179 pounds turned out in January.

Iodine—Crude iodine prices were unchanged from the $1.52 per pound which has prevailed in the market over recent months. It was reported that the Chilean Nitrate and Iodine Marketing Board has authorized the sale of a substantial part of Chile's iodine production to the United Kingdom in an amount valued at some 3,000,000 pesos. Resublimed iodine was firm at $2.30 to $2.41 per pound in jars, depending upon quantity.

Iodoform—This market was characterized by firm prices and a currently slow demand. Quotations ranged from $4.45 to $4.60 per pound, depending on quantity. Supplies were abundant.

Menthol—The market was firm and offerings from Brazil were relatively few. Prices were unchanged and a strong tone was indicated. Exports of menthol from Shanghai to the United States in 1949 amounted to 84,200 pounds valued at $667,587.

Methanol—Synthetic methanol was firm in price, Eastern quotations holding to the 26 cents per gallon in tankcars on a freight allowed basis established in May of 1949. On the West Coast prices continued to be quoted at a spread of 29½ to 31 cents per gallon in tankcars. Supplies were regarded as abundant, and the production capacity of the producing industry was such that there could virtually be no peacetime shortage because of expanded production facilities and the flexibility with which equipment could be switched from the manufacture of ammonia to methanol. Business volume, however, was regarded as good and demand was keeping up well for this time of year.

The production of methanol of the synthetic type was reported by the Tariff Commission for February as 58,210,777 pounds, compared with 77,388,950 pounds in January. Meanwhile the output of natural methanol was 963,783 pounds in February and 1,136,409 pounds in January.

Niacin and Niacinamide—Nicotinic acid and its amide were reportedly meeting

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with a steady call which could be promptly met from adequate stocks. Prices held firmly to their usual levels, and no change was in prospect. The combined production of these materials in February was reported by the Tariff Commission as 114,862 pounds, an increase over the 95,309 pounds turned out in January.

Penicillin—Demand was at a high level and some bulk producers were virtually in an oversold position. Prices held to quotations prevailing in the market over recent months. Overall, however, there was no shortage of the item, but material moved promptly out of production into distributive channels. February production was reported by the Tariff Commission as 15,389,042 million Oxford units, compared with a January output of 13,581,854 million Oxford units.

The importation of penicillin troches into Greece was confined to purchases from only those foreign manufacturers which have been approved by the Greek Ministry of Hygiene, according to a recent regulation.

Phenobarbital—Prices were unchanged from the $4 to $4.10 per pound in 100-pound lots quoted on both the acid and the sodium salt. Supplies were regarded as quite adequate to meet all consuming demand which currently was said to be relatively slow. Tariff Commission reports showed the February output to be 32,840 pounds, compared with January at 38,909 pounds.

Streptomycin—A strong demand for this antibiotic continued to characterize the market, as prices held firm at levels prevailing in the market over recent months. Production in February was reported by the Tariff Commission as 5,352,382 grams, compared with the revised production figure for January of 4,914,401 grams.

AIC Chapter Awards Honor Scroll to Kuhn

Dr. Wayne E. Kuhn, manager of the technical and research division of the Texas Company, has been awarded the second Honor Scroll of the New York chapter of the American Institute of Chemists. The citation to Dr. Kuhn reads,

Dr. Wayne E. Kuhn

"In recognition of his tireless efforts in writing and lecturing, by discussion and by effective organization. His leadership has also contributed greatly to technical advances in the field of petroleum chemistry."

The first Honor Scroll was awarded to Dr. Donald B. Keyes, vice-president of the Heyden Chemical Corporation. The new award will be made at a dinner to be held on May 24 at the Commodore hotel, New York, at the chapter's annual meeting.

Dr. Kuhn's professional career has been largely identified with the Texas Company. He began work with the Texas Company in 1929 as a chemist. In 1938 he became manager of the technical and research division, in charge of all technical and research work for the refining division of the company. In 1949 he was chairman of the petroleum division of The American Chemical Society.

Trade Briefs

Dr. James PiSunyer, medical director of the Latin division of Winthrop Products, Inc., Newark, has received an honorary professorship from the Universidad de San Carlos de Guatemala.

Sharp & Dohme, Inc., Philadelphia, has awarded a research grant to Dr. Charles S. Davidson, Boston City Hospital, for laboratory and clinical studies of modified human globin at Harvard University.

Stanley J. Bendetson, former advertising manager of Schieffelin & Co., New York, has been appointed to a similar post with Endo Products, Richmond Hill, N. Y.

Tyrothricin Lozenges Sales Ban in N.Y. Hit by DCAT

The New York City Board of Health is "unscientific, unreasonable and prejudiced" in restricting the free sale of tyrothricin lozenges in drug stores, according to charges made by the Drug, Chemical and Allied Trades section of the New York Board of Trade.

In letters to Mayor William O'Dwyer and Councilman Hugh Quinn, DCAT emphasized that the board had deliberately flouted the findings of the Food and Drug Administration, which has ruled that tyrothricin lozenges may be freely sold to the public without prescription. DCAT asked for an open review of the board's action before the Council of the City of New York.

Tenn. Eastman Publishes Brochure

Tennessee Eastman Corporation, Kingsport, Tenn., has issued a catalog describing the concern's line of chemicals. Divided into four main groups, aliphatics, aromatics, cellulose products and inorganics, the brochure, which is illustrated, gives specifications and other properties of the company's industrial chemicals.

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Bar Assn. to Discuss S. American Drug Laws

A conference on Latin-American food, drug and cosmetic laws will be held on May 2 at 8 p.m. at the Association of the Bar of the City of New York. The meeting, organized by the New York University Law School, will hear six speakers on South American legal problems of interest to the drug industry.

George H. Sibley, vice-president of E. R. Squibb & Sons, New York, who will preside at the conference, will talk on "Problems Under Laws of Latin American Countries With Respect to Patents, Trademarks and Related Matters." Charles H. Lee, assistant to the president of E. R. Squibb & Sons International Corporation, will speak on "Relations of the Lawyer to Management of a Branch or Subsidiary of a U. S. Corporation Located in a Latin American Country." Professor David E. Grant of New York University will discuss the preparation of legal documents in transactions with Latin American countries from the point of view of the home office.

Lewis G. Bernstein, counsel for Coty, Inc., New York, will give an address entitled "Problems of the Cosmetic Industry Under the Laws and Regulations of Latin American Countries." Frank M. Depew, attorney for Standard Brands, Inc., New York, will deal with similar problems as related to the food industry. Victor Goytia, member of the Argentine bar, will discuss the problems of a Latin American counsel serving U. S. corporations in South America.

Cailler Co. Continued; Schmiedel Directs Sales

Arthur G. Cailler Company, New York, is being continued under the management of B. J. Cailler, daughter of the late Mr. Cailler. The firm name and offices of the concern, which since 1904 has specialized in menthol and essential oils, remain the same. Sales are to be handled by Budd Schmiedel, formerly of J. Berlage Company, New York, who joined the Cailler organization on April 24.

Sharpe & Dohme Moves N.Y. Office

Sharp & Dohme, Inc., Philadelphia, has moved the company's New York branch office into new, larger quarters in the Port Authority building, 111 Eighth avenue. The new branch, under the management of George D. Grant, contains general offices and warehousing facilities. The company's New York sales district, managed by R. W. Tag, serves all of New York State, Connecticut and northern New Jersey.

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ANNATTO SEED—91 bgs, Kohnstamm & Co, Kingston
ANTHRACENE CAKE—44 bgs, Southern Dyestuffs, Liverpool
RESIDUE FLAKES—2 dms, M W Hardy, Liverpool
ANTIMONY OXIDE—2,240 bgs, National Lead, Liverpool
REGULUS—750 cs, J W Hampton Jr, Antwerp
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ARABIC GUM—500 bgs, Central Hanover Bank, Port Sudan
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400 bgs, National Shawmut Bank of Boston, Port Sudan
AROMATIC CHEMICALS—2 cs, Roure-Dupont, Havre
1 cm, Roure-Dupont, Havre
ARSENIC—94 bbls, American Smelting, Tampico
BLACK METALLIC—60 dms, Overseas Metal & Ore, London
ASPHALT, RAFAELITA—521 bgs, Antony Gibbs, Buenos Aires
BASIL LEAVES—10 seroons, Citrus & Allied Essential Oils, Puerto Plata
BEESWAX—145 bgs, Will & Baumer Candle, San Antonio
135 bgs, National City Bank, San Antonio
125 bgs, Will & Baumer Candle, Valparaiso
8 bgs, Porcella Vicini, Puerto Plata
60 bgs, Geck Trading Corp, Ciudad Trujillo
95 bls, Frank B Ross, Lisbon
75 bls, Innis Speiden, Lisbon
120 bgs, A V Berner, Rio de Janeiro
30 bls, Young & Glenn, Progreso
382 blocks, R R Douglas, Djibouti
101 bgs, Bank of Manhattan, Istanbul
18 bgs, Havana
127 bgs, Strahl & Pitsch, Rotterdam
20 bgs, Poons Co, Ciudad Trujillo
51 bgs, Machado, Ciudad Trujillo
BEEF GLANDS—15 cs, Charles Hollinshed, Montevideo
BELLADONNA LEAVES—20 bls, Superintendence Co, Rijeka
BERGAMOT OIL—20 hlf cs, Messina
BERYL ORE—20 tons, Associated Metals & Min'ls, Casablanca
BISMUTH—98 cs, Philipp Bros, Rijeka
BISMUTH SUBNITRATE—2 cs, Superintendence Co, Rijeka
BLUE BALL CLAY—1,440 bgs, United Clay Mines, Avonmouth
BONE — 79 bgs, International Packers Comm'l, Santos
GLUE—300 bgs, Transatlantic Animal By-Products, Antwerp
MEAL—1,044 bgs, Manufacturers Trust, Casablanca
311 bgs, Antwerp
SINEWS—804 bgs, Transatlantic Animal By-Products, Bombay
BUTANDIOL—1 ck, General Anilin Works, Rotterdam
CANANGA OIL—5 dms, George Uhe, Rotterdam
CANARYSEED—140 bgs, Corn Exchange Bank, Brisbane
1,112 bgs, Hartz Mountain, Casablanca
334 bgs, Levy & Lewis, Casablanca
CANDELILLA WAX—1,018 bgs, M Argueso, Tampico
CAPSICUM—104 bgs, Murwal Inc, Accra
225 bgs, Central Hanover Bank, Mombasa
CARAWAYSEED—165 bgs, Levy & Lewis, Hamburg
150 bgs, Catz American, Rotterdam
100 bgs, R J Spitz, Rotterdam
100 bgs, Sembodjo, Rotterdam
120 bgs, Kanvo Trading, Rotterdam
CARNAUBA WAX—251 bgs, Wessel, Duval, Rio de Janeiro
905 bgs, Biddle Sawyer, Rio de Janeiro
112 bgs, P A Dana, Rio de Janeiro
CASEIN—3,000 bgs, Hercules Powder Co, Buenos Aires
1,200 bgs, Crawford Co, Buenos Aires
1,000 bgs, Amer Cyanamid, Buenos Aires
2,140 bgs, Borden Co, Buenos Aires
1,000 bgs, Paul A Dunkel, Buenos Aires
500 bgs, Eugene Lang, Buenos Aires
500 bgs, International Packers, Buenos Aires
150 bgs, Agroproducts Corp, Buenos Aires
600 bgs, Buenos Aires
60 bgs, U S Lines, Havre
CASHEWNUT LIQUID—75 dms, Jacques Missir, Mangalore
CASSIA—283 bls, Catz American, Rotterdam
CASTORBEANS—2,543 bgs, Baker Castor Oil, Bahia
1,040 bgs, Baker Castor Oil, Port de Paix
4,040 bgs, Baker Castor Oil, Lobito
373 bgs, Spencer Kellogg, Port au Prince
395 bgs, Baker Castor Oil, Port au Prince
1,594 bgs, Baker Castor Oil, Salvador
OIL—15 dms, Southern Fur Traders, Buenos Aires
CELERYSEED—175 bgs, Otto Gerdau, Bombay
CHALK, CRUDE, LUMP—42 bbls, N H Weitzner, Antwerp
CHEMICALS—36 dms, Philipp Bauer, Rotterdam
4 dms, Penick & Co, London
1 cs, Penick & Co, London
CHESTNUT EXTRACT—1 cs, F Belmonte, Genoa
CHILLIES—275 bgs, Chemical Bank, Port Sudan
45 bgs, Irving Trust, Port Sudan
240 bgs, Public Nat'l Bank, Port Sudan
20 bgs, Manufacturers Trust Co, Dar Es Salaam
195 bgs, Irving Trust, Port Sudan
1 bg, L B Agazaria, Port Sudan
138 bgs, Becker Mayer Seed, Lagos
47 bgs, Murwal, Inc, Accra
33 bgs, John Holt, Lagos
CHINA CLAY—9 cks, Intermaritime Forwarding, London
CHROME ORE—1,968 tons, Guaranty Trust, Iskenderun
CINCHONA PRODUCTS—13 cs, Guaranty Trust, Rotterdam
CINNAMON QUILLS—25 bls, Mincing Trading, Colombo
CLOVES—40 bgs, Arthur G Dunn, Grenada
160 bls, Mincing Trading, Hamburg
16 bls, J H Bauminger, Rotterdam
165 bls, Arthur G Dunn, London
165 bls, Charles T Wilson, London
COALTAR CHEMICALS—9 dms, C A Haynes, Amsterdam
COCOA CAKE—1,329 bgs, Chemical Bank & Trust, Takoradi
EXPELLER CAKE—66 bgs, General Cocoa, Bahia
PRESS CAKE—142 bgs, Dickerson Overseas, Bahia
RESIDUE—2,667 bgs, Maywood Chemical, Takoradi
SHELLS, GROUND—667 bgs, Hollinghurst & Co, London
COCONUT OIL—780 tons, Cebu
COD LIVERS—23 dms, Silmo Chemicals, Port aux Basques
CODLIVER OIL—100 dms, Scandinavian Oil Co, St Johns
153 dms, E F Drew, St Johns
35 dms, A C Lawrence Leather, St Johns
150 dms, Scandinavian Oil Co, St Johns
SETTLINGS—70 dms, Vitaron Chemical, St Johns
COLOMBITE ORE—569 bgs, Union Carbide & Carbon, Lagos
360 bgs, Philipp Bros, Matadi
COLORS, LEAD PIGMENT—67 dms, Subox, Inc, Rotterdam
COPAL GUM—442 bgs, O G Innes, Matadi
499 bgs, Internatio Rotterdam, Matadi
100 bgs, Gillespie-Rogers-Pyatt, Matadi
215 bgs, U S Industrial Chemical, Matadi
100 bgs, France, Campbell & Darling, Matadi
90 bgs, W H Scheel, Manila
CREAM OF TARTAR—100 cks, Duche & Sons, Marseilles
CRESYLIC ACID—75 dms, George F Smith, Liverpool
255 dms, Monsanto Chemical, Liverpool
DEXTRIN—600 bgs, Stein, Hall, Rotterdam
105 bgs, Bank of Manhattan, Rotterdam
DRUGS—6 cs, Lo Curto & Funk, London
DYESTUFFS—3 cs, American Express, Southampton
1 cs, Eastall Corp, Bremen
EPHEDRIN HYDROCHLORIDE—1 ck, Antwerp
EQUISETI HERBS—23 bls, Peek & Velsor, Rijeka
17 bls, Superintendence Co, Rijeka
ESSENTIAL OILS—2 cks, Antoine Chiris, Cannes
5 cs, Antoine Chiris, Cannes
2 cs, Lo Curto & Funk, Cannes
15 cks, Lo Curto & Funk, Cannes
3 cks, Camilli Albert & Lalove, Cannes
1 cs, Camilli Albert & Lalove, Cannes
10 cks, Tombarel Products, Cannes
8 cs, Roure-Dupont, Marseilles
10 dms, Tombarel Products Corp, Marseilles
3 cs, Tombarel Products Corp, Marseilles
2 dms, Naugatuck Aromatics, Marseilles
3 cs, Florasynth Labs, Marseilles
1 cs, Houbigant, Havre
4 cs, P Robertet, Cannes
2 cks, P Robertet, Cannes
1 dm, Seville
1 cs, Seville
7 dms, Penick & Co, Dar Es Salaam
EUCALYPTUS OIL—18 dms, Givaudan-Delawannà, Santos
FERRO MANGANESE—1 bbl, W H Muller, Valparaiso
FERTILIZER—667 bgs, Hollingshurst & Co, London
1 cs, H W St John, London
FISH OIL—25 dms, Ocean Leather Corp, Pampatar
PSYLLIUM SEED—511 bgs, Duche & Sons, Bombay
272 bgs, Penick & Co, Bombay
FUEL OIL—75,257 bbls, Hess Inc, Curacao
191,000 bbls, Esso Standard, Aruba
108,054 bbls, Paragon Oil, Curacao
163,809 bbls, Metropolitan Petroleum, Curacao
98,403 bbls, New England Petroleum, Cardon
105,120 bbls, Paragon Oil, Curacao
216,291 bbls, Esso Standard, Amuay
10,000 bbls, Asiatic Petroleum, Curacao
107,000 bbls, Mexican Petroleum, Aruba
270,000 bbls, Esso Export, Aruba
88,882 bbls, Asiatic Petroleum, Curacao
GALL STONES—1 cs, Int'l Packers Comm'l, Montevideo
GALLIC ACID—5 bbls, Universal Minerals, Genoa
GELATIN—40 bgs, Rotterdam
1 cs, Coignet Chemical, Antwerp
GINGER ROOT—42 bgs, K Chellaram, Free Town
1,189 bgs, Free Town
63 bgs, Newtown Jackson, Lagos
107 bgs, Mincing Trading, Kingston
24 bgs, William E Martin, Kingston
485 bgs, C T Wilson, Monrovia
195 bgs, Berwish Co, Monrovia
93 bgs, J Berlage, London
190 bgs, K H Landes, London
GLYCERIN, SOAPLYE—73 dms, L Pasternak, Kingston
GRAINS OF PARADISE—109 bgs, Gillespie & Co, Lagos
GRAPHITE—500 bgs, Charles Pettinos, Colombo
GUAIACWOOD OIL—45 cs, Montevideo
GYPSUM—20,580 tons, U S Gypsum, Hantsport
2,525 tons, Newark Plaster, Walton
HEMP SEED—111 bgs, Istanbul
HENNA LEAVES—66 bls, Hopkins & Co, Alexandria
HOG GLANDS—6 tcs, Van Gelder Fanto, Buenos Aires
HORNS, BUFFALO—135 pockets, First National Bank Boston, Calcutta
HYPOPHYSE SOLUTION—1 cs, Gedeon Richter Products, Antwerp
INSECTICIDES—2 cs, Geigy & Co, Rotterdam
7 bbls, Geigy & Co, Rotterdam
1 can, Geigy & Co, Rotterdam
2 dms, Dow Chemical, London
IRGATAN DYE—3 dms, Geigy & Co, Rotterdam
4 kgs, Geigy & Co, Rotterdam
IRISHMOSS—100 bls, Penick & Co, Havre
200 bls, Algin Corp, Havre
IRON OXIDE, RED—1,305 bgs, Reichard-Coulston, Malaga
KARAYA GUM—67 bgs, Innis Speiden, Bombay
52 bgs, Mitchell Beck, Bombay
KYANITE ORE—3 bgs, Assoc Metal & Minerals, Madras
LAVENDER OIL—4 dms, van Ameringen-Haebler, Marseilles
LEAD, VIRGIN—83,204 ingots, Philipp Bros, Rijeka
LEMON JUICE CONCENTRATE—296 bbls, First National Bank of Chicago, Messina
OIL—40 half cs, Dodge & Olcott, Messina
100 qu cs, Duche & Sons, Messina
80 qu cs, Bank of Manhattan, Messina
20 qu cs, Chase National, Messina
20 qu cs, National City, Messina
32 half cs, Messina
LEMONGRASS OIL—1 dm, Bush & Co, Cristobal
IRISH MOSS EXTRACT—1 cs, Superintendence Co, Rijeka
LICORICE EXTRACT—60 cs, Somekh Co, Beirut
ROOT—100 bgs, Lattakia
LIME JUICE—26 bbls, Citrus & Allied Essential Oils, Puerto Plata
766 lbs, Black & Koenig, Liverpool
750 ctns, McLeer & McLeer, London
OIL—10 cs, Bush & Co, Kingston
2 dms, Citrus & Allied Essential Oils, Puerto Plata
LIQUIDAMBAR—5 dms, Honduras Prod, Cristobal
LITMUS—1 ck, Merck & Co, Rotterdam
LOCUST BEAN GUM—600 bgs, Bank of London, Lisbon
192 bgs, Bank of New York & Fifth Ave, Lisbon
100 bgs, Stein Hall, Manchester
900 bgs, Genoa
MAGNESITE—2,044 bgs, Golwynne Chemical, Madras
MAGNESIUM SCRAP—20 tons, P C Beck, Alexandria
MEDICINAL FLOWERS—3 cs, Kellys American, Hamburg
HERBS—94 bls, Kellys American, Hamburg
29 kilos, Mascio Guido, Naples
LEAVES—15 bls, Penick & Co, Genoa
14 bls, Max Van Pels, Genoa
ROOT—20 bls, National City Bank, Rotterdam
MENTHOL—50 cs, Vick Chemical, Santos
50 cs, Volkart Bros, Rio de Janeiro
10 cs, Dodwell & Co, Hong Kong
METHYLENE BLUE—1 dm, Lansen Naeve, London
MICA—15 cs, H G Brake & Co, Rio de Janeiro
35 cs, Eugene Munsell, Rio de Janeiro
132 cs, Ford Radio & Mica, Rio de Janeiro
41 cs, Otto Gerdau, Rio de Janeiro
200 cs, A Camacho, Santos
108 cs, Sylvania Electric, Rio de Janeiro
27 cs, American Mica Works, Rio de Janeiro
72 cs, American Mica Works, London
151 cs, Otto Gerdau, London
24 cs, Sigbert Loeb, London
56 cs, Vilco, Inc, Buenos Aires
8 cs, Brazilian Minerals, Santos
104 cs, Asheville Schoonmaker, Buenos Aires
34 cs, Eugene Munsell, Rio de Janeiro
219 cs, Ameritex Indust Export, Calcutta
186 cs, Eugene Munsell, Calcutta
25 cs, Manchard Trade Co, Calcutta
150 cs, Otto Gerdau, Madras

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MICA—601 cs, United Mineral & Chem, Madras
224 cs, Cornelis & Suhr, Madras
203 cs, William Brand, Madras
18 cs, Stein Hall, London
103 cs, Ford Radio & Mica, London
SCRAP—2 bgs, Superintendence Co, Casablanca
MINERAL SAND—6,000 bgs, Orefraction, Inc, Brisbane
MOLASSES—746,214 gls, Instituto Cubano, Vita
567,063 gls, Instituto Cubano, Puerto Padre
MUSTARD BRAN—600 bgs, Atlantis Sales, London
SEED—600 bgs, Amaren Trading, London
300 bgs, Otto Gerdau, London
MYROBALANS—666 bgs, River Plate Import Export, Bombay
5,090 bgs, Barkey Importing, Bombay
1,454 bgs, Hammond & Carpenter, Bombay
MYRRH GUM—20 cs, R D Heins, Aden
NAPTHTALENE—1,924 bgs, Int'l Commodities, Rotterdam
3,333 bgs, Allied Chemical & Dye, Rotterdam
956 bgs, American Union Transport, Amsterdam
2,746 bgs, American Cyanamid, Amsterdam
590 bgs, European Chemical Co, Antwerp
2,500 bgs, Antwerp
525 bgs, American Union Transport, Rotterdam
2,000 bgs, Atlantic Raw Materials, Trieste
NEATSFOOT OIL—256 dms, Ovimpex Corp, Buenos Aires
STOCK—68 tcs, International Packers, Buenos Aires
NICARAGUA BALSAM—6 dms, G E Griffin, Cristobal
NISPERO GUM—24 bgs, L A Dreyfus, Cristobal
NUTMEGS—535 bgs, Arthur G Dunn, Grenada
OLIBANUM GUM—268 bgs, Irving Trust, Aden
201 bgs, Manufacturers Trust, Aden
OLIVE OIL—118 dms, Manufacturers Trust, Seville
115 dms, Seville
15 dms, Chase National, Seville
15 dms, Irving Trust, Seville
20 dms, Credit Suisse, Seville
25 dms, Public National, Seville
294 dms, Chemical Bank, Seville
100 dms, B M Reeves, Seville
30 dms, Sterling Nat Bank, Seville
25 dms, Hellenic Bank, Seville
52 dms, Pan American Trust, Seville
98 dms, Norpart Co, Seville
330 dms, J H Schroder, Malaga
220 dms, Credit Suisse, Malaga
100 dms, National City Bank, Malaga
25 dms, National Shawmut Bank, Malaga
75 dms, Manufactures Trust, Malaga
5 dms, Vassiliou & Stavropoulos, Piraeus
97 dms, R V Delapenha, Malaga
ORANGE OIL, BITTER—2 dms, Citrus & Allied Essential Oils, Puerto Plata
ORE CONCENTRATES—29,000 bgs, Orefraction Inc, Brisbane
ORIGANUM—100 cs, Lekas & Drivas, Piraeus
OURICURY WAX—112 bgs, Strahl & Pitsch, Bahia
56 bgs, Cornelius Products, Bahia
56 bgs, J W Hanson, Bahia
125 bgs, Innis Speiden, Salvador
OX BILE—2 bbls, Unifa Inc, Rio de Janeiro
GALL—1 dm, Merck & Co, London
3 bbls, Tupman Thurlow, Brisbane
2 cks, International Packers, Brisbane
2 dms, Brazilian Minerals & Timber, Rotterdam
2 tcs, International Packers Commercial Co, Montevideo
CONCENTRATED—8 cks, C M Loeb Rhoades, Buenos Aires
11 cks, Van Gelder Fanto, Buenos Aires
PALM OIL—497 tons, Matadi
1,376 tons, Balfour, Guthrie, Matadi
PAPAIN—45 dms, National City Bank, Dar Es Salaam
PAPRIKA—400 bgs, Jose Navarro, Alicante
200 bgs, Alicante
11 cs, Alicante
200 bgs, V M Calderon, Alicante
270 bgs, Rijeka
1,600 bgs, Genoa
PEARL ESSENCE—7 cs, Andre Van Egroo, Rotterdam
PEATMOSS—900 bls, New Amsterdam Import, Bremen
2,990 bls, Premier Peatmoss, Bremen
1,000 bls, E J Lang, Bremen
400 bls, Halfmoon Trading, Rotterdam
1,262 bls, Premier Peatmoss, Dublin
400 bls, Halfmoon Trad & Mfg, Rotterdam
500 bls, Irving Trust, Glasgow
PEPPER, BLACK—160 bgs, Bansidhar Gopaldas, Bombay
240 bgs, Virchand Panachand, Bombay
160 bgs, M Golodetz, Bombay
160 bgs, K A Export Corp, Bombay
158 bgs, Stern Morgenthau, Tangier
560 bgs, Lo Curto & Funk, Rotterdam
135 bgs, Balex Co, Calcutta
160 bgs, Bank of Montreal, Bombay
48 bgs, Mutual Spice, Hamburg
1,200 bgs, Barber Steamship Lines, London
134 bgs, Balex Co, Beirut
80 bgs, Mincing Trading, Bombay
WHITE—22 bgs, K H Landes, Rotterdam
8 bgs, Arthur G Dunn, Rotterdam
PERFUMERY, SYNTHETIC—7 cs, Givaudan-Delawanna, Genoa
34 cs, Firmenich & Co, Genoa
PERU BALSAM—2 dms, Merchants Import & Export, Cristobal
PETITGRAIN OIL—14 dms, East Asiatic, Buenos Aires
6 dms, Marine Midland Trust, Buenos Aires
5 cs, Buenos Aires
PETROLEUM, CRUDE—205,770 bbls, Esso Standard Oil, Cartagena
128,907 bbls, Socony Vacuum, Puerto La Cruz
16,373 tons, California Refg Co, Ras Tanura
104,739 bbls, Cities Service Oil, Amuay
PARSLEY ROOT—6 bls, Penick & Co, Rijeka
PHTHALIC ANHYDRIDE — 667 bgs, Reichhold Chemicals, Rotterdam
PIMENTO—157 bgs, Kellys American, Hamburg
LEAF OIL—1 dm, Lueders & Co, Kingston
2 dms, Solta Import & Export, Kingston
PITUITARIES—3 cs, Gedeon Richter, Lisbon
POLYVINYL PYROLIDON—1 can, General Aniliin Works, Rotterdam
POPPYSEED—250 bls, R J Spitz, Rotterdam
450 bgs, Catz American, Rotterdam
POTASSIUM CARBONATE—499 bbls, Oil & Chemical Products, Hamburg
FERRICYANIDE—20 cks, F H Taussig, Rotterdam
5 cks, Dixon & Sons, Hamburg
PROTAMINE SULPHATE—1 cs, Consumers Import, Manchester
PYRETHRUM FLOWERS—167 bls, Superintendence Co, Rijeka
40 bls, Kellys American, Hamburg
60 bgs, Penick & Co, Bombay
342 bgs, Watumall International, Bombay
763 bls, Manufacturers Trust, Dar Es Salaam
126 bls, Brown Bros Harriman, Dar Es Salaam
117 bls, Irving Trust, Dar Es Salaam
103 bls, Manufacturers Trust, Mombasa
QUEBRACHO EXTRACT—250 bgs, International Products, Buenos Aires
1,705 bgs, River Plate Import & Export, Buenos Aires
QUICKSILVER—100 flasks, Chase National Bank, Tampico
RADIUM ELEMENT—1 cs, Radium Chemical, Antwerp
RAPESEED—508 bgs, Rotterdam
RESIN GUM—4 bgs, Lo Curto & Funk, Hamburg
25 cs, Schutte & Focke, Ciudad Trujillo
SYNTHETIC—1 cs, Amer Cyanamid, London
ROSEMARY LEAVES—160 bls, M J Golombeck, Lisbon
ROSEWOOD OIL—6 dms, Lueders & Co, Rio de Janeiro
SAGE LEAVES—24 bls, K H Landes, Hamburg
1,173 bls, Bank of New York, Rijeka
378 bls, Superintendence Co, Rijeka
OIL—12 bbls, Dodge & Olcott, Rijeka
SAGO FLOUR—270 bgs, Nat'l Starch Products, Singapore
776 bgs, Amer Key Products, Singapore
SANDALWOOD—40 bgs, Dodge & Olcott, Madras
24 bgs, Luedars & Co, Madras
3 bgs, Penick & Co, Madras
RESIDUE—3 bgs, East Asiatic, Madras
SANDARAC GUM—4 dms, Lo Curto & Funk, Hamburg
SEEDLAC—100 bgs, Schwab Bros, Calcutta
100 bgs, Zinsser & Co, Calcutta
200 bgs, Mac Lac, Calcutta
200 bgs, Bradshaw Praeger, Calcutta
100 bgs, Dings & Schuster, Calcutta
100 bgs, Gillespie-Rogers-Pyatt, Calcutta
SESAME SEED—4,000 bgs, Indept Halvah & Candies, Cristobal
100 bgs, Archibald & Kendall, Cristobal
334 bgs, Royal Bank of Canada, Cristobal
326 bgs, Balfour Guthrie, Cristobal
650 bgs, Scarlett & Co, Cristobal
SHELLAC—150 bgs, Ralli Bros, Calcutta
42 bgs, F H Paul & Stein, Calcutta
35 bgs, F H Paul & Stein, Hamburg
118 bgs, F H Paul & Stein, Rotterdam
1 cs, F H Paul & Stein, Rotterdam
WAX—8 bgs, William H Scheel, London
SIENNA EARTH—14 bbls, Leghorn
SILICON SAND—10 bgs, Montan Export, Buenos Aires
SOAPNUT SHELLS—16 bgs, Penick & Co, Bombay
SODIUM BICARBONATE—440 bgs, Chemical Manufacturing, Liverpool
GENTISATE—6 cts, Freedman & Slater, Antwerp
SPERMACETTI—150 ctns, Glasgow
SQUILLS, RED—1,013 bgs, Penick & Co, Algiers
STRONTIUM CHLORURE—100 dms, Marseilles
SUGARCANE WAX—28 bgs, Korlis Corp, Avonmouth
SULPHUR—1 cs, Istanbul
TANKAGE—557 bgs, Baker & Bros, Buenos Aires
TANNING EXTRACT—560 bgs, American Dyewood, Bordeaux
TANTALITE ORE—130 bgs, Philipp Bros, Matadi
TAPIOCA FLOUR—3,704 bgs, Stein Hall, Itajai
1,000 bgs, Hudson Shipping Co, Rio de Janeiro
PEARL—84 bgs, Catz American, Itajai
1,560 bgs, Stein Hall, Itajai
TETRACHLORETHANE VAPORIZING COMPOUND—1 cs, H W St John, London
THIOCOL—9 bbls, Havre
3 cs, Havre
TOLU BALSAM—100 cs, Magnus, Mabee & Reynard, Barranquilla
TURMERIC—270 bgs, Gillespie & Co, Kingston
80 bgs, Barber Steamship Lines, London
TUNG OIL—154 dms, Tennant & Sons, Buenos Aires
300 tons, Chase National, Buenos Aires
TUNGSTEN POWDER—1 dm, Tennant & Sons, London
ULTRAMARINE BLUE—10 dms, European Chemical, Liverpool
VALERIAN ROOT—75 bgs, Fritzsche Bros, Bombay
VALONIA CUPS—3,210 bgs, Barkey Importing, Izmir
VANILLA BEANS—46 cs, Lueders & Co, Marseilles
24 cs, Zink & Co, Marseilles
22 cs, Champon & Co, Marseilles
54 cs, Dodge & Olcott, Marseilles
6 cs, E P Henning, Hamburg
6 chests, R L Oppenheimer, Hamburg
60 cs, Wedemann & Godknecht, Bordeaux
21 cs, Rotterdam
VEGETABLE EXTRACTS—10 dms, Irving Trust, Lisbon
6 dms, J Powell, Lisbon
VETIVERT ROOT—6 bls, Barber Steamship Lines, London
WAX FLAKES—73 bgs, Wax & Rosin Products, Bremen
WHITING—300 bgs, Baker & Bro, Liverpool
800 bgs, Pluess Stauffer, Antwerp
2,100 bgs, N H Weitzner, Antwerp
WOOL GREASE—45 dms, Malmstrom, Manchester
150 dms, Malmstrom, Manchester
COMPOUND—24 dms, J J Gavin, Liverpool
YACCA GUM—161 bgs, Comm'l Bank of Australia, Adelaide
ZIRCON SAND—8,000 bgs, Metal Traders, Brisbane

Baltimore

BONE, CRUSHED—3,000 bgs, Amer Agricultural Chemical, Calcutta
MEAL—1,100 bgs, Transatlantic Animal By-Products, Hamburg
CHEMICALS—200 dms, Industrial Sales Corp, Antwerp
MANGANESE ORE—10,062 tons, Carnegie Illinois Steel, Vizagapatam
MYROBALANS—1,333 bgs, River Plate Import & Export, Bombay
CRUSHED—762 bgs, Barkey Importing, Bombay
OLIVE OIL—250 dms, J H Schroder, Malaga
PEATMOSS—475 bls, Samuel Shapiro, Bremen
POTASSIUM MURIATE—220 tons, Synthetic Nitrogen, Bremen
MURIATE—7,679 bgs, Baker & Bros, Beirut
SULPHATE—549 tons, Synthetic Nitrogen, Bremen
QUEBRACHO EXTRACT—4,306 bgs, First National Bank of Boston, Buenos Aires
VALONIA BEARDS—671 bgs, Olson Sales Co, Izmir
WATTLE BARK—2,785 bls, American Dyewood, Durban
2,178 bls, Hammond Carpenter, Durban

Boston

ANTIMONY, REGULUS—20 cks, Charles Gitlan, Antwerp
BONES—1,154 bgs, International Packers, Buenos Aires
CASEIN—500 bgs, Eugene Lang, Buenos Aires
500 bgs, East Asiatic, Buenos Aires
CHEMICALS—55 dms, Atkinson Haserick, Havre
CRESYLIC ACID—50 dms, Monsanto Chemical, Liverpool
GINGER—100 bgs, C T Wilson, Monrovia
GLUESTOCK—335 bls, Transatlantic Animal By-Products, Havana
433 bls, Remis & Co, Havana
1,533 bls, H Meyer, Antwerp
IRISHMOSS—348 bls, Stone & Downer, Havre
MICA—18 cs, Eugene Munsell, Rio de Janeiro
14 cs, Otto Gerdau, Rio de Janeiro
OLIVE OIL — 75 dms, Central Hanover Bank, Malaga
10 dms, Rockland Atlas National Bank, Malaga
PEATMOSS—350 bls, New Amsterdam Import, Rotterdam
280 bls, C Gastmeyer, Rotterdam
1,400 bls, J A Conkey, Bremen
POTASSIUM PERMANGANATE — 11 dms, I M Sobin, Rotterdam
QUEBRACHO EXTRACT—10,530 bgs, 1st National of Boston, Buenos Aires
1,769 bgs, Manufacturers Trust Co, Buenos Aires
1,680 bgs, River Plate Import & Export, Buenos Aires
TAPIOCA FLOUR—870 bgs, Geismar & Co, Itajai
UREA—300 bgs, Sterling Corp, Rotterdam
1,000 bgs, Imperial Chemical, Liverpool
VEGETABLE WAX—12 bgs, H B Morse, Liverpool

Newport News

PEATMOSS—800 bls, Stone & Co, Bremen
380 bls, Stone & Co, Hamburg

Norfolk

COCOA EXPELLER CAKE—1,000 bgs, Monsanto Chemical, Bahia
RESIDUE—1,134 bgs, Woodward & Dickerson, London
CYANURCHLORIDE—4 bbls, Cincinnati Chemical Works, Rotterdam
MANGANESE ORE—842 tons, Samuel Co, Calcutta
3,000 tons, Ore & Ferro Co, Vizagapatam
MICA—47 cs, Asheville Mica, Rio de Janeiro
POTASSIUM MURIATE—310 tons, Synthetic Nitrogen, Bremen
SULPHATE—547 tons, Synthetic Nitrogen, Bremen

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QUEBRACHO EXTRACT—1,084 bgs. Buenos Aires 1,778 bgs., Irving Trust, Buenos Aires 2,704 bgs., 1st National Bank of Boston, Buenos Aires

Philadelphia

ARABIC GUM—400 bgs. Phila Nat Bank, Port Sudan
BLUE, WASHING—320 cs. Atlantis Sales, London
BONEMEAL—375,164 kilos, Buenos Aires 7,230 bgs, Phila Nat Bank, Calcutta
CHALK, CRUDE—5,500 tons, Philadelphia National Bank, London
CHROME ORE—2,259,920 lbs, Lavino & Co, Lourenco Marques
EARTH COLORS—992 bgs, Williams & Co, Larnaca
FLUORITE ORE — 500,000 kilos, Nardini Co, Cagliari
GREASE, LUBRICATING—3 cs, Carson M Simon, London
GYPSUM, CRUDE—6,262 tons, U S Gypsum, Hantsport
LEAD—1,010 sheets, Pacific Island Scrap, Kobe
LOGWOOD EXTRACT—20 cks, American Dyewood, Manchester
MOLASSES—1,849,406 gls, Nuevitas 337,119 gls, Havana
NAPHTHALENE—1,306 bgs Interocean Chemical & Mineral, Manchester
NEATSFOOT OIL—14,533 kilos, Wilson & Co, Buenos Aires 123 dms, Phila Nat'l Bank, Montevideo 235 dms, Phila Nat'l Bank, Buenos Aires
PEATMOSS—700 bls, Keer Maurer, Bremen 700 bls, Halfmoon Trade, Rotterdam
PETROLEUM, CRUDE — 199,175 bbls, Gulf Oil, Mena Al Ahmadi 130,010 bbls, Texas Oil, Ras Tanura 122,142 bbls, Texas Oil, Pamatacual 256,640 bbls, Atlantic Refining, Puerto La Cruz 187,890 bbls, Socony Vacuum, Mena Al Ahmadi 93,397 bbls, Atlantic Refining, Las Piedras 123,680 bbls, Gulf Oil, Puerto La Cruz
QUEBRACHO EXTRACT—546 bgs, River Plate Import & Export, Buenos Aires
SHELLAC—100 bgs, Colony Import & Export, Calcutta
TALC—325 bgs, C Mathieu, Genoa
WATTLE BARK—2,211 bls, American Dyewood, Durban

San Francisco

CASSIA—50 bls, S L Jones, Hong Kong
CHILLIES—42 bls, M S Cowen, Yokohama
COPRA MEAL—4,000 bgs, Balfour Guthrie, Cebu
FISHLIVER OIL—20 dms, U S Factors, Keelung 100 dms, Transocean Commerce, Yokohama
LEAD ORE—2,000 bgs, East Asiatic, Bangkok
TAPIOCA FLOUR—1,000 bgs, Stein Hall, Bangkok
VARNISH GUMS—80 bgs, Henry W. Peabody, Manila

Wilmington

FLUORSPAR—300 tons, C Kurz, Rotterdam

Diamond Alkali Names Mantz to New Position

John W. Mantz, for the past two years industrial relations manager at the Painesville, Ohio, plant of Diamond Alkali Company, has been promoted to the newly-created position of assistant general manager of the plant. He will be succeeded as industrial relations manager by C. R. Brown, who comes to Diamond from the National Enameling & Stamping Company, Milwaukee, Wis., where he was director of industrial relations.

American Can Plans New Can-Manufacturing Plant

The American Can Company, New York, will soon begin construction of a new multi-million dollar plant in Ontario, Canada, it was announced last week. Initial production of containers, exclusively for the packing of food, is expected by the first of 1951.

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Botanical Drugs, Spices, Gums

Botanical sellers' principal reports late in the week were higher quotations on black pepper in all positions; also on French savory. Furthermore, spot ginger root of the African and Jamaican varieties moved downward, as also did Saigon, Honan and Yunnan cassia rolls, Ceylon cinnamon, Iranian cumin seed, Siauw No. 2 mace, Mexican oregano, Greek sage, French Thyme, and Madras turmeric root. The market index held at 191.9.

In the absence of any broad movement of prices on either drug or condimental botanicals, interest during the past week could be found in the opinions of a few of numerous botanical drug collectors reporting on the domestic primary market prospects. The following are a few examples of what such operators are thinking at the present time. The following is a quote from one collector:—

"We managed to get into the new collecting season with a very small carryover on the more important items. In fact, we are entirely sold out of a good many items. The prospects for collections this Summer are not too favorable. The factories and mills in this section are still enjoying good business and, therefore, there is very little labor available to dig root and peel bark. Of course, it is still early, and the situation may improve. The anti-histaminics are definitely affecting the sales of the old fashioned cough and cold remedies, and this, in turn, affects the sale of pine and cherry bark." Another collector remarks:—

"The picture seems to have changed now. Most of the country dealers are entirely sold out of their collections of roots and this seems to be general with most of the larger dealers."

A slightly different view of prospects appears in the following quotation from still another principal operator:—

"We anticipate no great difficulty in getting enough goods collected if we could know what goods might be needed. Since we do not know this and sales have been on the slow side for some months, we expect to be on the conservative side in our buying this year." A third collector said:—

"Collection has just started and no definite trend has developed. Diggers will probably ignore low priced items—which suggests that needed botanics will not be bought much if any lower this year."

Finally, a report from an operator somewhat removed from those supplying the above quoted paragraph declared:—

"As to the prospects for collection this year, the labor supply is large but they are wanting more money all the time; therefore, we don't anticipate a very large collection unless we pay as much or more than we paid last year; unless business in general would slump and large lay-offs would be made in major industries."

Balsams

Copaiba—Business was slow. For the most part, it covered nearby requirements of a not large number of manufacturing consumers. However, absence of more trade failed adversely to effect prices.

Fir—Replacement cost stability was substantially responsible for the spot prices being steadily maintained even though trade was relative conservative in size. The spot lacked much competition.

Barks

Cinchona — According to latest advices, exports from Indonesia in 1949 totaled 2,597 metric tons, which compared with eleven month exports in 1948 totalling 4,009 tons. The value of the 1949 exports was 6,734,000 guilders; of 1948 exports, 7,014,000 guilders.

White Pine—Buying prices this Spring are 1c. lower than they were in Spring a year ago. The drop affected natural and rossed items.

Wild Cherry — A slightly lower buying price has been set this Spring in the domestic primary market where new crop will be collected. Comparing 1950 prices with those in the Spring of 1949, the present quotations are 1c. lower on thin natural bark, 2c. lower on thick natural, and 5c. lower on rossed thin green.

Beans

Vanilla — Trade at the moment was called moderate in volume. Buying that took place earlier in the year, and which involved new crop beans to be delivered later on, covered requirements very well. Many such purchases have been delivered from the recent substantial landings from foreign parts, mainly from French controlled areas. The local market had a very firm undertone last week and sellers were confident of a not too distant revival of consumer activity.

Flowers

Clover — No substantial quantity was being carried over into the new collection season and sellers of imported merchandise expected a fairly brisk business when Europe beings to offer.

Elder—It seemed not improbable that collection of domestic flowers would be stimulated in some measure this year. At least, primary market collectors present buying prices are 5c. per pound higher in some instances than they were a year ago. A very recent foreign list did not include *sambucus niger*. The European variety is different than the American; the latter is *sambucus canadensis*.

Gums

Benzoin — According to latest statistics, exports of Siam gum to the United States in 1949 had a value of $18,985 as compared with $19,591 in 1948. The exports from Sumatra were not given. The spot market was seasonably dull but prices were steady.

Locust Bean — The higher and much firmer markets at all points continued to prevail. Prompt shipment gum in most origins was not available in quantity and most replacement offerings were for August or later despatch from the sources of supply.

Herbs and Leaves

Buchu—Of the 600 to 700 bale annual crop of South African leaves, 75 per cent is exported to the United States. The value of the crop at the origin is $80,000 plus 16,000 sterling.

Oregano—Mexican herb was fractionally lower at 16c. to 16½c. per pound. Sicilian and Portuguese herb remained at 18c. to 18½c.

Sage—Greek leaves were back to 25c to 26c. per pound after reaching 27½c. for a short time recently. Little Dalmation material was held on spot but some was coming forward at relatively high prices. Cyprus leaves in a 10 ton way were offered

For Late Market Developments, See Page 4

Market Trends

Prices Advanced

Drugs

None

Other Articles

Pepper, black, all positions, 4c. per lb.
Savory, French, ½c. per lb.

Prices Reduced

Drugs

Ginger, African, spot, 3c. per lb.
Jamaica, No. 2, 1½c. per lb.
No. 3, sfloat, ½c. per lb.

Other Articles

Cassia, Saigon, thin, ¾c. per lb.
Honan, scraped, ½c. per lb.
Yunnan, scraped, ½c. per lb.
Cinnamon, Ceylon, No. 2 Ceylon, ½c. per lb.
Cumin seed, Iranian, ¼c. per lb.
Mace, Siauw, 2c. per lb.
Oregano, Mexican, ½c. per lb.
Sage, Greek, 2½c. per lb.
Thyme, French, ½c. per lb.
Turmeric root, Madras, ½c. per lb.

Comparative Price Indexes

(100—August 1, 1914)

Last week	Prev. week	Last month	Dec. 30, 1949	Apr. 29, 1949
191.9	191.9	195.7	193.6	183.7

(For Current Prices see Page 9)

Imports Detained by FDA

Week Ended April 21

New York

Capsicums, 225 bags: filthy.
Carragaheen moss, 50 bales: water-damaged.
Cassia, 381 bags, 87 bales: insect filth.
Chillies, 190 bags: filthy; live and dead insects.
Cod oil, 44 drums, 50 casks: not USP, decomposed.
Coriander seed, 243 bags: filthy.
Eucalyptus oil, 16 drums: non-official variety substituted.
Mustard seed, 600 bags: filthy.
Nutmegs, 500 bags: moldy and wormy.
Orris root, 2 cases: moldy.
Paprika, 107 bags: filthy.
Pepper, black, 588 bags: moldy and insect bored.
Rhubarb root, 32 cases: insect bored and contains insect filth and live insects.
Sage leaves, 204 bags: filthy.

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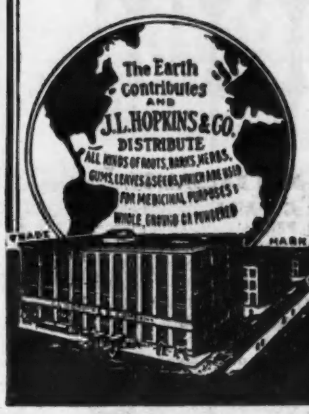
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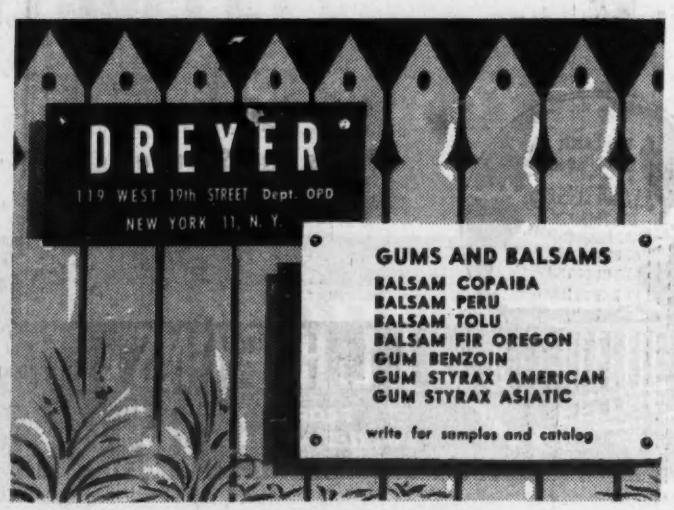

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Savory—French herb sold at a fractional advance to 14c. to 14½c. per pound. Spanish remained dull and without change.

Spearmint—Domestic collectors of this herb have raised buying prices 10c. per pound over those prevailing last April.

Tansy—New domestic material was less well thought of at the origin this year since some collectors have been offering 2c. less than they did a year ago at the corresponding time.

Thyme—French was in easier and slightly lower replacement price position at the origin and the spot quotations were down to 15c. to 15½c. per pound. Spanish remained at 8½c. to 9c.

Witch Hazel—This article had a sharp spot price rise during collection time last year. Buying prices today show a 2c. advance over those ruling last April.

Miscellaneous

Ergot—A strong but certainly inactive market prevailed here. Not much unsold stock was available on spot but current prices do not encourage buying operations. Eyes were turned on the new crop in Europe where it will be collected later in the year. Given a normal production, dealers here expect to buy at lower prices abroad. Much will depend on weather conditions being favorable to the formation of the rye fungus.

Grains of Paradise—It was said locally that this article is finding its way to those who mill black pepper. The latter in whole form was quoted spot at $1.43 per pound last week. That meant a retail price of about $4 per pound in milled form. Hence, grains of paradise at 69c. per pound was a relatively cheap extender of the sensationally high cost black pepper.

Roots

Helonias — A 10c. reduction in buying prices appears in some current lists in the domestic primary market, the present price being compared with what was offered last April.

Goldenseal — The spot market position seemed to be weakening and reports of price shading were rather frequent. Such reports suggested that whole goods were available under $2.90 per pound.

Licorice—According to reports coming from Russian sources, exports from the USSR between January 21 and February 17 this year had a Soviet value of $145,071. The report gave no data in terms of pounds exported. Wonder if the period might be accounted for by vagaries of the Russian calendar

Mandrake—Buying prices in some primary market directions this year are 5c. lower than they were a year ago last April. Some market weakness seemed to be developing in quarters with carried over root.

Pink—The buying prices offered diggers this April in some quarters are identical with those proposed to workers last year.

Sarsaparilla—Collectors of domestic root in some instances have reduced their 1950 buying prices fully 13c. per pound below levels proposed a year ago.

Serpentaria—Either some have a good carry over or have to stock the item less this year. In whatever event, some collectors this year offer diggers at least $1 less than they did in April, 1949.

Seeds

Caraway—A steadier quality has come to this item in both spot and import position. Supporting demand was moderate in size.

Cumin — Iranian seed was a fraction lower at 15¾c. to 16c. per pound. Moroccan seed held at 16¼c. to 16½c. and the seed of Syria could command 17c. to 17½c. in business of the size done last week.

Mustard—New crop seed to be delivered on contracts next Fall were quoted as follows:—Montana brown, 5c. to 5½c. per pound at the source; oriental, 8½c. to 9c.; yellow, 5c. to 5½c. Spot oriental was 9¾c. to 10c.; brown, 7½c. to 8c.

Poppy—Buyers were in the doldrums; their takings were confined to jobbing quantities that were supplied without effect on the price structure prevailing on Dutch, Czech, or Polish seed.

Spices

Cassia—All thin Saigon was lower at 41c. to 42c. per pound and broken rolls and all medium held quotably unchanged. Another change came in scraped Honan and

—*Continued on page 57*

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Essential Oils, Other Aromatics

Lack of forcing demand appeared to be joining with occasionally more favorable replacement costs to bring about more than the recent amount of local competition. Lower spot quotations on cinnamon bark oil, diethyl phthalate, lemongrass and palmarosa oils offset in limited measure the higher prices prevailing on cassia and Mexican distilled lime oils. The market index was 0.4 lower at 126.6. Basically most articles in the essential oils and aromatic chemical lists were quite steady.

Most citrous oils were firm; lime was definitely to the point of real strength. The call for lemon, lime and orange was not expansive but suppliers were disposed to urge consumers to cover a fair part of their future requirements. Export business played a substantial part in making strength dominate the market for domestic lemon and, in some lesser degree, of that for orange. Lime from whatever origin was an oil of substantial strength and higher prices were expected confidently by most suppliers.

The new crop of domestic peppermint roots soon will be going into the ground and the preparation of other acreage will get under way shortly. In the not distant future, some estimate of the probable total acreage of each mint likely will be made. Meanwhile, the unsold remainder of the 1949 crops was in strong hands.

Talk about a declining market in dillweed and wormseed oils was noted on spot but rather thoroughly discounted by most informed operators who viewed the small unsold stock of dillweed and the effect of santonin shortage on wormseed oils as influences more bullish than bearish in potential market influence.

Market Trends

Prices Advanced

Cassia oil, 5c. per lb.
Lime oil; distilled, Mexican, 25c. per lb.

Prices Reduced

Cinnamon bark oil, $2 per lb.
Costus oil, $1.25 per oz.
Diethyl phthalate, 7c. per lb.
Lemongrass oil, 10c. per lb.
Palmarosa oil, 35c. per lb.

Comparative Price Indexes

(100—August 1, 1914)

Last week	Prev. week	Last month	Dec. 30, 1949	Apr. 29, 1949
126.6	127.0	127.7	102.8	103.0

(For Current Prices see Page 9)

Essential Oils

Abies Siberica—The market appeared to be a trifle steadier. Although dealers were sensitive to competition whenever it might arise, last week they managed to hold quotations free from change. According to a report received from Moscow, it was declared that exports from the USSR during the period January 21 to February 17, this year, were valued at $31,259. Reports issued by the USSR are notable for their omission of quantities exported.

Anise—Not many dealers openly quoted as low as $1 per pound, though all admitted that recent fall in replacement cost had weakened local quotations. Some made $1.05 lowest. Others ranged the market upwards of $1.15. Competition was reasonably active but the main tendency was to keep local quotations in warranted alignment with replacement costs.

Bergamot—Demand was not expansive but for moderate sized quantities it had very steady qualities. Stocks in spot reserve appeared to be ample enough to cope with any sudden expansion in requirements of manufacturing consumers. Quotations were not subject to shading and prevailed on spot according to seller and brand.

Bois de Rose—The market continued strong. Competition played little or no part in local transactions and could not because of the strength in which primary market prices were held. Exports from Belem, Brazil, to this country in the fourth quarter of 1949 were valued at $14,208, against $20,520 in the corresponding months of 1948. Shipments from Mansus had a value of $115,716, but comparison with 1948 was impossible since no shipments were made in October-December of that year.

Camphor—The Chinese Red landing on the island of Hainan was considered a stepping stone to an eventual attack on the much more important island of Formosa, from whence comes camphor oil. However, importers here felt last week that whosoever controls Formosa will also want to export its products—and dollars are valuable.

Cardamom—A steadier price position appeared to have developed along with a cessation of further declines in the cost of raw material. Demand was not overly active last week but it was more than sufficient to hold quotations from competition when the market was quoted at $50 to $65 per pound as to dealer.

Cassia—The market was moved generally to higher levels. Minimum on the spot was $2.10 per pound and the top quote was $3. Several sellers called the market $2.15 and two considered $2.10 and $2.25, respectively as the lowest they would do in view of the current availability of stocks and the replacement value at the origin.

Cedarleaf — Replacemnet cost alone would have held local quotations to an exceptionally steady price position. However, the supporting demand of jobbing size was added strength to the market.

Cinnamon—Bark oil has become more readily obtainable and it showed a cost permitting some local competition in volume sufficient to bring quotations lower to the basis of $23 to $62 per pound. The range, according to statement, was as to dealer and quality.

Citronella—Local quotations held steady on both varieties and qualities of material. Declared exports according to Shanghai advices totaled 26,400 pounds, with a value of $23,732.

Clove—It was possible to buy spot spice at prices less than those now prevailing for export in Madagascar and Zanzibar. Once distillation starts from spice costing around 25c. per pound, most suppliers of this oil expect prices to be advanced. According to a report of the Zanzibar Clove Growers' Association, exports of oil during the last quarter of 1949 totaled 85,227 pounds, of which 25,804 pounds came to the United States. This was a supply additional to that produced by distillation of spice in this country.

Costus—Unless French exporters reduce their already relatively low export price, sellers of oil distilled in the United States may be expected to seek stability around $19.75 per ounce, reached by a further drop last week.

Dillweed—A check of fourteen dealers who ordinarily supply this oil found some without stocks and the others definitely firm in their views because of the limited quantities of 1949 crop oil still unsold in whatever market. Dealers said it was most unlikely that prices would decline; in fact, the last movement at the origin was a better than substantial rise in replacement cost.

Eucalyptus—Considerable stability has come to the spot price position; it also prevailed at the origins to a substantial degree. Declared exports from the Lisbon and Oporto consular districts in Portugal during 1949 totaled 34,804 kilos, valued at $37,471. In 1948, the export value was $9,323, according to the foreign report.

Garlic—The market ranged $8.50 to $9 per ounce, according to seller, and was called reasonably steady since the late reduction. Some quarters were still disposed to meet competition when met.

Geranium—Price activity seemed to be at an end; at least, spot quotations on both Algerian and Bourbon oils were unchanged and very steady last week. Replacement market advices showed no actual or forseeable easing of shipment quotations. Stocks were light.

Ginger—Raw material has had a renewal of strength and last week the tendency on Jamaica root was upward in the main. Also, the decline in African could mislead since the movement merely brought quotations into proper alignment with recent shipment quotations. Oil was substantially steady and some felt declines were at an end.

Juniper—Local quotations noted last week more accurasely reflected the costs recently set by the Russians through the media of numerous price declines at the origin. Demand was dogged but uneventful.

Lavender—Most sellers were disposed to take a substantially steady view on spot values and were not inclined to go the full way in meeting the minimum of spot quotations recently developed. The replacement prices, for the most part, have been very steady.

Lemon—Important suppliers point out that fruit prices at the source hold high; that growing conditions have been unfavorable, and that export demand has shown little contraction in recent months. Most

For Late Market Developments, See Page 4

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suppliers have urged consumers to cover needs now.

Lemongrass—Most sellers failed to offer market comment unless asked. In one direction, however, a rather sharp price reduction set the market down to a minimum of $2.05 per pound in contrast with other quotations ranging $2.15 to $3, as to seller. Some easing of the item's forward position has taken place.

Lime—Mexican distilled oil on spot came into more suitable relationship with what the origin asks for further shipment quantities. Locally, the market ranged $6 to $6.75 per pound. West Indian oil was $6.25 to $6.75 and relatively strong. Replacements were expected to rise during the next several months.

Mandarin—Italian oil held in stable position over the range $5.50 to $8.50 per pound, according to seller and brand. Floridian oil was quoted $1.60 but few had it in stock. It was said to be a considerably different item than the Italian or Brazilian oil. That was not surprising. In lemon oil, for example, the citral content of domestic and Italian oils differs substantially.

Nutmeg—The strength of raw material was more than sufficient to keep oil prices steady. In fact, in some quarters a tendency to raise them could be found. An expansion in sales volume would quickly force the issue, once oil production starts from higher spice costs.

Orange—Some suppliers have urged a more adequate coverage of future consuming requirements in view of the high cost of fruit, the not especially good growing conditions, and the presence of a substantial export requirement. Quotations lacked change.

Palmarosa—One quarter developed a spot position permitting a fairly substantial reduction in local quotations; in that direction, the market became $7.40 per pound. The range, according to dealer, quality and quantity was to $9.

Peppermint—Though almost a strong market, it was also one lacking in further raise in local quotations. Stocks now unsold in whatever market were in strong hands who confidently expected higher quotations between now and the production of the 1950 crop. Declared exports from Shanghai in 1949 totaled but 900 pounds which were valued at $3,610.

Petitgrain—Stable prices and not too stable demand prevailed in a market mainly quoted $1.95 to $2.50 per pound. Exports from Paraguay during January-November, inclusive, totaled 91,091 kilos, in comparison with 20,883 kilos exported in the corresponding period in 1949. The value this year was 1,115,594 guaranies, compared with 151,672 guaranies a year ago. It takes 3.09 guaranies to make $1 in US currency.

Sage—Some fair-sized quantities of Dalmatian oil were recently offered at $11 per kilo, equal to about $5 per pound. The spot market was usually $6.25 to $6.50 per pound but one quarter continued to name $6, though admitting a tendency to raise that limit soon unless replacement shall decline—a development probably months away, if it takes place at all. Clary and Spanish oils remained unchanged.

Sassafras—Top quality domestic distilled natural oil was not too readily obtainable; numerous offerings have been rejected by dealers because of their not meeting USP requirements. Artificial oil was in good supply at 58c. to 78c. as to seller.

Spearmint—Dealers were not disposed to press sales to the extent of offering price concessions. Such concessions, if they come, were apt to arrive later in the year when farmers show a disposition to place a price on their 1950 production.

Vetiver—A strong market prevailed. Stocks of Bourbon oil—in fact of oil from most origins—were low and showed a high cost at the origin. Relief must await on

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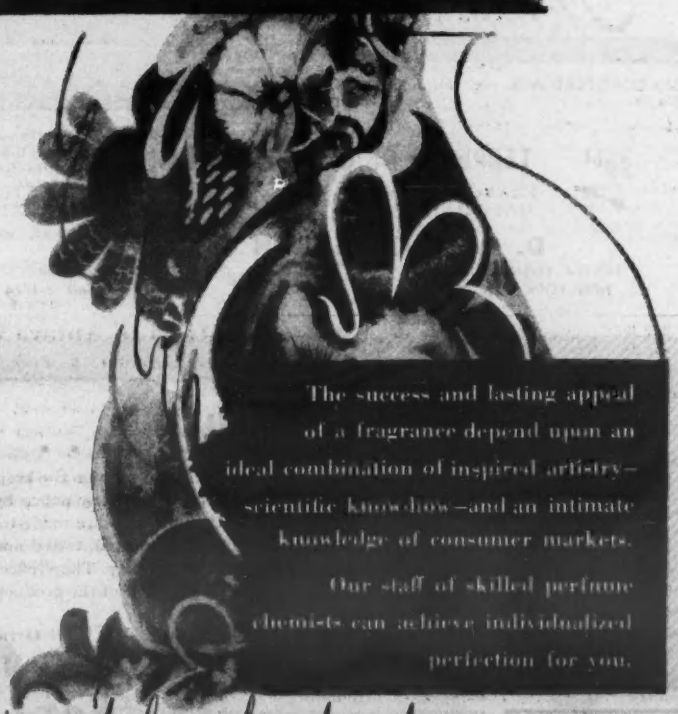

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the possible marketing of new production at a lower cost to local importers, an uncertain event.

Wormseed—Spot gossip around the idea that local quotations were dropping seemed to contrast with the last and sharp price development at the origin—which was a keen rise to what was said last week to be a spot quotation. Most quarters called the market $4.25 to $4.40 per pound, which was moderately above the last mentioned replacement cost. So far as known, little santonin can be bought on spot now; the Russians sell at higher prices to the Far East and domestic production leaves little for stock purposes. As high as $300 to $350 per pound was last reported done. This condition ordinarily would argue for considerable strength for wormseed oil high in ascoridol content.

Aromatic Chemicals

Diethyl Phthalate—Aromatic chemical makers reduced their quotations on this item to the basis of 28c. per pound in drums. The item is used mainly as a fixative. Commercial manufacturers were recently reduced to 22c. in tanks; carlots, 23½c.; less than carlots, 24½c.

Eugenol—Strength gathered under the surface of the market in keeping with that current in clove oil and spice. Demand was reported well up to the recent volume of consumer requirements.

Ionones—If the lemongrass oil trend be significant, then the cost of production of this commodity may undergo a moderate recession. For some time past, the item had occupied a position of exceptional stability based on substantial market strength.

Linalool—The position of raw material was not less strong than recently and, hence, for the derived product a deal of strength governed prices that prevailed under a fairly steady consumer call.

Methylheptin Carbonate—Prices eased no further but more than the recent amount of competition prevailed locally and conditions were favorable for buyers requiring substantial quantities.

Botanical Drugs

—Continued from page 54

Yunnan rolls, which were down to 14½c. to 15c. No other changed took place.

Cinnamon — No. 2 Ceylon spice was down to 18c. to 18½c. per pound in an inactive market.

Clove—According to a report issued by the Zanzibar Clove Growers' Association, exports in October-December, 1949, totaled 2,229,805 pounds, comprising 550,761 pounds from Zanzibar and 1,679,044 pounds from Pemba. Total 1949 exports were 19,518,792 pounds against 26,245,765 pounds in 1948. On January 1, 1950, the export duty was raised 1 shilling, making it 21s per 100 pounds. Cables last week offered shipment from Zanzibar at 24.85c. per pound, c & f New York.

Ginger—Spot African came into better alignment with shipment quotations; the market was 37c. to 38c. per pound, spot. New crop Jamaica on spot was quoted as follows:—No. 1, 48c. to 48½c. per pound; No. 2, 44½c. to 45c.; No. 3, 43½c. to 44c.; No. 3 afloat, 43c.

Pepper — Black pepper prices reacted upward last week and $1.43 to $1.44 was quoted for spots, afloats, and shipment. Some had $1.44 lowest. White pepper was $2.40 to $2.45. Red peppers showed no change.

Friday prices on black pepper were as follows:—Spot, $1.44 to $1.45 per pound; afloat, $1.44 to $1.45, shipment, $1.43 to $1.44.

Gen. Aniline Transfers McKenna to Antara Div.

General Aniline & Film Corporation, New York, has transferred Charles F. McKenna, jr., from the central sales development department to Antara Products division. Under the move, which took effect April 1, Mr. McKenna was put in charge of the sale of dimethyl chloroacetal and butanediol. He joined General Aniline in 1942, holding various positions in the development department prior to his recent transfer.

N.Y. Textile Chemists Schedule Meeting May 5

The New York section of the American Association of Textile Chemists and Colorists will hold its next meeting on May 5 at 8 p.m. at Kohler's Swiss Chalet, Rochelle Park, N. J. Reports will be presented by officers and committee chairmen, and the report of the nominating committee for officers for the 1950-51 season will be presented.

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Protective Coatings Materials

Basic price changes were on the up side in this market during the past week, and all of them resulted from the advance in the price of lead metal. The listing on pig lead went up in the middle of the week and was immediately followed by rises in basic sulphate blue and white leads, red lead, litharge and mineral orange. The revisions boosted the weekly price index figure 0.3 point, to a new mark of 170.4.

Lead, which only recently had been going down, was on the strong side during the period as a result of an easing of pressure from foreign shipments. Lead driers were unaffected. It was said that the change in the metal was not of sufficient amount to move the driers.

Zinc metal was very firm as to price during the week, but there were no revisions. Consequently, the oxides remained at their previous listings. This market was being watched closely for possible further changes.

The shellac market was without feature. Prices were unchanged for the first time in a long period. Demand was fairly good, although spotty, and there was some reluctance among buyers to take on any large amounts, since they had been made wary by the recent price fluctuations. Casein, likewise, was featureless as to price. There was not much interest being shown in Argentine material, but the market here was showing some interest in the French product. France, it was reported, was in a fairly good production position and was prepared to sell its goods at a price possibly lower than that of Argentina casein. There was some increase in the supply of domestic casein, but it was largely concentrated among the large producers. Gums were pretty much unchanged. Demand was fair and there was some evidence of more interest.

Market Trends

Prices Advanced

Lead, blue, basic sulphate, ¼c. per lb.
red, 95%, 97%, 98%, ¼c. per lb.
white, basic sulphate, ¼c. per lb.
Litharge, ¼c. per lb.
Orange, mineral, ¼c. per lb.
Turpentine, gum, New York, dms., 2c. per lb.

Prices Reduced

Rosin, gum, New York, B, D, 25c. per 100 lbs.
E, F, G, H, I, K, M, N, 50c. per 100 lbs.
WG, 40c. per 100 lbs.
WW, X, 25c. per 100 lbs.
Savannah, F, G, H, 21c. per 100 lbs.
I, 16c. per 100 lbs.
K, M, 12c. per 100 lbs.
N, 21c. per 100 lbs.
WG, 20c. per 100 lbs.
WW, X, 12c. per 100 lbs.

Comparative Price Indexes

(100=August 1, 1914)

Last week	Prev. week	Last month	Dec. 30, 1949	Apr. 29, 1949
170.4	170.1	169.8	196.4	215.0

(For Current Prices see Page 9)

Prime Pigments

Antimony Oxide—Pricewise, this item was holding to previously established levels during the past week and there were no indications that there were any changes in prospect immediately. Demand was not running at high levels, but there was enough supply available to meet the market's needs without delay.

Green, Chrome—February production of the C. P. amounted to 482 short tons. This was lower than the previous month's production of 558 short tons, but was considerably higher than the production in February of 1949, which amounted to 291 short tons.

Lead Pigments—Along with a ¼c. price advance in the metal last week, there were uppings of a similar amount in the listings of the oxides as well as in basic sulphate white lead and basic sulphate blue lead. After recent declines, the metal appeared on the upswing again as the pressure of foreign material eased.

The new listings became:—red lead, 95%, carloads, 13¾c., and less carloads, 14¾c.; 97%, carloads 14c. and less carloads 15c.; 98%, carloads 14¼c. and less carloads 15¼c.; litharge, carloads 12¾c. and less carloads 13¾c.; orange, mineral, less carloads .1710c.; white basic sulphate, carloads 12½c. and less carloads 13½c.; blue basic sulphate, carloads 12½c. and less carloads 13½c.

Lithopone—Pricewise, the market was steady during the past week. Demand was being noted at levels that were termed very good, but the supply situation was not precisely a comfortable one. It was reported to be about neck and neck with the demand.

Orange Molybdate—Production of the C.P. during the month of February amounted to 235 short tons, as compared to 322 short tons during the previous month. Output for February of this year was higher than it was during February a year ago, however, for during that time the production amounted to only 166 short tons.

Yellow and Orange, Chrome—Output during February of this year was reported to be 1,632 short tons, which was somewhat lower than the 1,745 short tons output recorded in January. However, it was better than the February figure of a year ago, for at that time production was 1,205 short tons.

Yellow, Zinc—Production of the C.P. during the month of February amounted to 212 short tons, as opposed to 249 short tons in the month of January. It was slightly higher than during February a year ago, when output was recorded at 210 short tons.

Zinc Pigments—The market for the metal was very strong during the period under review, but as of the end of the week the price was still holding. The oxides remained unchanged pricewise, but were in a demand position that was characterized as very good. Supply was reported to be about fair.

Synthetic Resins

Gum, Ester—Demand was reported to be running along at very good levels during the past week and the indications were that it would continue that way for some time yet since this was the heavy season in the paint trade and because inventories had been allowed to dip to a low point and now needed replenishing. Supply was slightly tight but not seriously so and it was expected that producers would be able to meet the needs of the market. Both the wood rosin and gum rosin types were going at 12c. to 12½c. in carload lots.

Pyroxylin Scrap—Demand at this time was reported to be very heavy, a condition that had been noted for about the past three weeks. It was said to exceed the supply, although it was difficult to determine just why the call had increased so abruptly. The opinion was advanced, however, that the call will not continue at a high pitch but will level off so that in about a month it will be balanced with the supply.

Natural Resins

Gums—Prices were steady during the past week and there were no drastic changes in the market as to either supply or demand. Conditions abroad were still unsettled, but supplies were coming through and were reported adequate to meet the needs of the market. Demand was running at about fair levels now, and there were those who felt that business was due for an upturn. More interest was being shown than was evident last spring, it was said.

Shellac—After a long period of fluctuation, this material was in a quiet price position during the past week. Demand was running to fairly good levels and there was some evidence of the normal spring pickup. However, there was still some spottiness to the call. Buyers, having observed the recent fluctuations, were still a bit cagy and were reluctant to take on any sizable amounts of material while they thought there might still be downward revisions. Supplies were at levels high enough to make it possible to fill normal orders without any particular difficulty.

Miscellaneous Materials

Casein—The market for both imported and domestic was steady as to price during the past week. This was the first time in some months that there were no fluctuations in the listings. Very little buying interest was said to be shown in Argentine material. Offers from France reached here recently and there were indications that they would be lower than the Argentine prices. France, it was reported, was getting into pretty good production. Supplies in the Argentine were low as a result of lower production in the past four or five months due to the drought and the dairy strike. Demand for domestic was said to be about fair. Supplies were sufficient for the needs of the market. There was some increase in supply at this time, but as yet it did not amount to much. It was expected to increase further, however. So far, the in-

For Late Market Developments, See Page 4

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Color; Resin, (Neville Method)	2-4
40% solution in mineral spirits (Gardner 1933)	14
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crease has been among the large producers, with the small, independent ones not doing much as yet.

Glue—The demand for bone glue was holding up very well, it was reported last week. Supply was about balanced with the call, but there were no great overstocks accumulating. Raw material was somewhat difficult to come by, and although there was no dearth of it, there was a good deal of it that was being claimed by users in other fields. Demand for ground glue also was at a good level, and it was said by one maker that it was shipping the material as fast as it could produce it. Supply, in the recent past, had been short but last week it was reported to be in a condition that was showing improvement.

Gypsum—Domestic mine production of crude gypsum during the fourth quarter of last year was 1,820,682 short tons, which brought the total for the year to 6,491,098 short tons, according to figures just released by the Bureau of Mines. This production was the second largest of record, and was only 8 percent below the high year of 1948. Imports of 734,345 short tons during the quarter made a total of 2,593,329 short tons for the year. The apparent supply was calculated at 9,084,427 short tons during 1949. The production of calcined gypsum was 1,552,040 short tons, and was only 3 percent less than it was during the corresponding quarter of 1948. The total for last year reached 5,664,551 short tons. The large tonnages were said to reflect the continued high level of building and industrial activity during the year. Sales of most important gypsum products for the fourth quarter and for the year were less than in 1948, however. There were notable decreases in sales of lath, sheathing and plaster.

Lead Driers—Recent advances in the price of the lead metal still had no effect on the price of driers during the past week. The opinion was that the metal would have to rise higher before it would have a bearing on these items. Demand was running at pretty good levels and the supply was adequate to meet it.

Naval Stores

Preliminary estimates of the amount of rosin to be exported from Spain in the year beginning June, 1950, range from 15,000 to 18,000 metric tons. Little or no turpentine will be available for export in 1950, trade sources state. Exports of rosin from Greece in 1949 totaled 7,890 metric tons. Italy was the chief purchaser, followed by Austria and Czechoslovakia. Austria was the leading destination for the 1,135 tons of turpentine exported. Italy and Egypt followed.

Pine Gum—Prices received by producers for crude pine gum delivered to processing plants during the week ended April 22 averaged $19.25 per standard barrel of 435 pounds, according to the Department

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of Agriculture. This compared with $19.06 for the previous week.

The twenty-three reporting plants received 20,999 barrels of gum or an average of 913 barrels per plant compared with 792 barrels a week earlier. The average contents per barrel were 11.27 gallons of turpentine and 297.6 pounds of rosin. The gum was graded 34 percent WW, 26 WG, 16 percent N, 13 percent M, and 11 percent K and below.

The record of the gum naval stores markets over the week ended April 28 was as follows:—

Gum Rosin

Price per 100 lbs.

	Savannah Exchange (Low of range) Mon.	Tues.	Wed.*	Thurs.	Fri.	New York c.i., l.c.l., f.o.b. ex N. Y. whse. Friday	
B	$5.10	$5.10	...	$5.10	$5.10	$6.50	$7.25
D	5.10	5.10	...	5.10	5.10	6.50	7.25
E	5.10	5.10	...	5.10	5.10	6.60	7.35
F	5.40	5.40	...	5.40	5.40	6.60	7.35
G	5.40	5.40	...	5.40	5.40	6.60	7.35
H	5.40	5.40	...	5.40	5.40	6.60	7.35
I	5.45	5.45	...	5.45	5.45	6.60	7.35
K	5.50	5.46	...	5.45	5.49	6.60	7.35
M	5.50	5.46	...	5.49	5.49	6.60	7.35
N	5.60	5.49	...	5.49	5.49	6.60	7.75
WG	5.85	5.66	...	5.66	5.66	7.00	7.75
WW	6.00	5.88	...	5.88	5.88	7.25	8.00
X	6.00	5.88	...	5.88	5.88	7.25	8.00
Drums							
Sales	283	183	...	...	...		
Receipts	...	269	...	223	114		
Shipments	...	...	...	2,575	...		
Stocks	26,174	26,443	...	24,091	24,235		

Gum Turpentine

	Savannah Exchange Bulk Mon.	Tues.	Wed.*	Thurs.	Fri.	New York (ret. dms.) tanks l.c.l. f.o.b. ex N.Y. whse. (7 lbs.) Friday	
Per gal.	.40	.40	..	.40	.40	.49	.57
Sales, bbls.	...	...	...	...	...		
Receipts, bbls.	579	721	...	542	311		
Shipments, bbls.	73	...	...	1,814	84		
Stocks, bbls.	4,188	4,909	...	3,637	3,864		

* No market.

N. Y. Paint Technicians Elect Officers on May 4

New York Paint and Varnish Production Club will hold its next meeting on May 4 at 6:30 p. m. in the Building Trades Employers Association, 2 Park avenue, New York. Officers for the coming year, whose candidacies were announced at the April meeting, will be elected.

C. A. Lominska, National Lead Company, New York, the guest speaker, will talk on "The Philosophy of Paint Exposure Testing." Another feature of the meeting will be a presentation by the Mattiello memorial committee to the Polytechnic Institute of Brooklyn, the gift to take its place as part of the Mattiello collection.

H. Kohnstamm Elects L.J. Woolf President

Louis J. Woolf has been elected president and treasurer of H. Kohnstamm & Co., New York, to succeed the late Lothiar S. Kohnstamm. Mr. Woolf was executive vice-president. Other officers elected were Charles D. Allen, vice-president in charge of the Brooklyn plant; Richard Carmel, vice-president of the chemical division; Robert A. Phair, secretary, and Edwin W. Mayer, assistant secretary and a director.

Ungerer Publishes Price List

Ungerer & Co., New York, has published a price list, giving quotation data on the firm's complete line of essential oils, aromatic chemicals, flavors, perfumers' materials and other products.

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OLEIC ACID
(RED OIL)
DISTILLED
FATTY ACIDS
ANIMAL AND VEGETABLE

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WILSON-MARTIN DIV.
SNYDER AND SWANSON ST.
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STEARIC ACID

Now, by combining modern scientific techniques with "know-how" that dates back to 1837, A. Gross & Company offer a HEAT-STABLE Stearic Acid with a reduced odor level and increased resistance to deterioration.

This new odor-reduced "Special Improved Stearic Acid" is of importance to manufacturers of fine cosmetics, food emulsifiers, soaps, stearates and other products demanding the highest fatty acid content possible.

A. Gross' Stearic Acids follow the natural balance of Palmitic Acid and Stearic Acid as found in tallow. The importance of the Palmitic Acid content (55%) of natural Stearic Acid, whether for the production of quality face creams or durable buffing compounds, cannot be discounted.

For consumers who desire a higher percentage of Stearic Acid for less demanding applications, we have available a white Hydrogenated Tallow Fatty Acid with a Stearic Acid content of 70%.

SPECIFICATIONS

	Triple Pressed	Double Pressed
Titre °C	54.5°-55.0°	53.9°-54.3°
Titre °F	130.1°-131.0°	129.0°-129.7°
Color 5¼" Lovibond Red	0.1-0.5	0.5-1.0
Color 5¼" Lovibond Yellow	1.0-2.0	2.0-3.0
Saponification Value	207-210	207-210
Acid Value	206-209	206-209
Iodine Value	3.5-4.5	5.5-7.0

ADVANTAGES

1. Heat tested for resistance to discoloration and oxidation.
2. Lowest unsaponifiable content.
3. Highest Fatty Acid content.
4. Reduced odor level.
5. Greater stability in esterification and saponification.

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FACTORY: NEWARK, N.J.

Oils, Fats and Waxes

Sharp advance in soybeans was the dominant factor in strengthening crude edible vegetable oils which were fractionally higher last week. This was offset by lower grease, tallow and grease oils. Trading lacked volume and was confined to prompt requirements.

Crude soybean oil was raised fractionally, but the advance was not sustained. Crude cottonseed oil, corn and peanut oils, however, remained fractionally higher, though consuming inquiry continued limited. Coconut oil was easier with the lower cost of copra.

Oilmeals also were stronger, especially soybean which was advanced sharply with the higher cost of beans and a heavy export demand. Peanut meal was boosted $5 per ton, cottonseed meal $2 to $3 per ton, while linseed meal was easier and off about $1 per ton.

Tallow and grease became softer under quiet demand for domestic and export requirements declining fractionally, despite recent heavy government buying for shipment abroad. Grease oils also were lower, while other animal fats were without price change.

There was no improvement in the weak carnauba wax market. Offerings of "barter wax" continued to have a depressing influence and prices were entirely nominal, depending upon tonnage and seller.

Cottonseed Oil

Active trading featured bleachable cottonseed oil futures last week. Market was narrow and mixed scoring light gains in sympathy with the strength in soybeans which advanced sharply. The strength in soybeans was a factor, as bleachable oil futures closely followed fluctuations in the former. Consumption of refined cottonseed oil in March totaled 408,387 barrels, compared with 322,550 barrels for the same time last year.

Trading in crude cottonseed oil was light, as buyers awaited offers as to quantity and price of government-held crude for May shipment. Unconfirmed reports stated that 20,000,000 pounds and upward would be released. While crude sales were inactive, the market was firmer, advancing to 13¾c. per pound, tankcars, f.o.b. mills, Southeast and Valley, and to 13⅝c. Texas.

Sales and prices of refined bleachable prime summer yellow cottonseed oil in tankcars (60,000 pounds) on the N. Y. Produce Exchange for the week ended April 28 follow:—

	Sales	Cents per pound—High	Low	Close
May	234	16.49	15.90	16.49S
July	492	16.38	15.78	16.35S
September	611	16.15	15.43	16.15S
October	138	15.30	14.80	15.30S
December	273	14.93	14.40	14.92S
January	..	....	....	14.92N
March	9	14.75	14.42	14.81@14.85

Total sales, 1,757 tankcars, including switches.

Memphis—Crude cottonseed nominal at 13⅝c. per pound, tankcars, f.o.b. mills and crude soybean oil, 13c., same basis. Trading slow. Cottonseed meal quoted $66 per ton, sacked, f.o.b. Memphis and soybean meal, 41 percent, $70 to $71, same basis. Cottonseed hulls, $10 per ton, bulk, mills this section.

Linseed Oil

Consuming interest was still restricted to the withdrawal of oil against former contracts, which has improved steadily during the past three weeks. New business was reported slow. Raw oil was unchanged at 16.70c. to 16.90c. per pound, tankcars for May-June delivery.

The new basic price for the Argentine 1950-51 flaxseed crop to farmers was increased to 41 pesos per 100 kilos, approximately $3.10 per bushel at the current exchange rate, it was announced by the Argentine government. The price last season was 34 pesos equal to about $2.57 per bushel. The Argentine government requested the planting of 4,900,000 acres to flaxseed.

Minneapolis—Linseed oil buyers confined demand to prompt delivery. Old-crop oil moved at around 16.1c. per pound, raw, tankcars, f.o.b., Minneapolis. Shipping instructions were slightly lighter than in the previous week.

Shipments of linseed oil last week, in pounds, were as follows:—

	1949-50	1948-49
This week	6,900,000	8,520,000
Since Sept. 1	291,180,000	236,598,000

Flaxseed—Bids at the higher price of $4.05 per bushel, did not increase offerings of seed.

Minneapolis—Flaxseed was hard to locate at the Minneapolis market last week. Boosting of prices to $4.05 per bushel from $3.99 brought out very little seed. Sellers offered some at $4.10 but crushers held out in the hopes they could get a few cars at $4.05. Only 40 cars of flaxseed arrived at the local market last week (mostly on a to-arrive basis), compared with 40 cars in the week previous and 18 cars in the same week last year. The official flax quotation was $4.05 per bushel—on spot and to-arrive offers.

Receipts and shipments of flaxseed, in bushels, were as follows:—

Bushels—	Receipts 1949-50	Receipts 1948-49	Shipments 1949-50	Shipments 1948-49
This week	68,000	30,600	56,100	69,700
Since Sept. 1	16,213,100	31,933,300	2,479,400	7,975,600

Market Trends

Prices Advanced

Corn oil, ⅛c. per lb.
Cottonseed meal, $2 to $3 per ton.
oil, ¼c. per lb.
Flaxseed, 6c. per bushel.
Peanut meal, $5 per ton.
oil, ¼c. per lb.
Soybean meal, $6 per ton.

Prices Reduced

Carnauba wax, 3c. to 7c. per lb.
Coconut oil, ¼c. per lb.
Copra, $10 per ton.
Greases, ¼c. per lb.
oil, ½c. to ¾c. per lb.
Linseed meal, 50c. to $1 per ton.
Tallow, ¼c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week	Prev. week	Last month	Dec. 30, 1949	Apr. 29, 1949
120.2	120.5	120.9	111.3	130.2

(For Current Prices see Page 9)

Other Vegetable Oils

Coconut—Market was unsettled by the decline in copra and crude oil was off about ¼c. per pound. Nearby and May shipment was quoted at 14⅞c. per pound, tankcars, f.o.b. Pacific coast, and June, 14½c.

Copra—Increased offers for shipment and lack of buying interest weakened the market and quotations declined $10 to $195 per short ton, c.i.f. Pacific coast.

Corn—This market was firmer with cottonseed oil. Crude oil was raised ⅛c. to 14⅛c. per pound, tankcars, f.o.b. mills. Refined oil was quoted at 17¼c. per pound, tankcars, New York delivery.

Peanut—Quotations were lifted ¼c. for crude oil to 14¾c. per pound, tankcars, f.o.b. mills for May shipment due to the firmer tone of competing oils. Trading was quoted at 13c. per pound, tankcars, nuts for 25 tankcars of oil in the Southeast last week. Refined oil was quoted at 17¾c. per pound, tankcars, New York delivery.

Soybean—Higher cost of beans stiffened oil and prices were lifted ¼c., but was not sustained. Crude oil for May shipment was quoted at 13¼c. per pound, tankcars, f.o.b. mills. Sales took place at 12⅞c. for June and at 12¾c., July-September. Refined oil was unchanged at 15⅞c. per pound, tankcars, New York delivery. Refined oil consumption totaled 423,000 barrels, against 449,630 barrels for the same time last year.

Sales and prices of prime crude soybean oil on the N. Y. Produce Exchange in tankcars (60,000 pounds) for the week ended April 28 follow:—

	Sales	Cents per pound—High	Low	Close
May	6	13.25	13.23	13.24S
June	..	....	....	13.00@13.20
July	54	13.05	12.60	12.88—12.90S
August	19	12.80	12.70	12.85@12.90
September	32	12.78	12.45	12.78S
October	43	11.76	11.20	11.76@11.74S
November	5	10.85	10.50	10.90@11.00
December	37	10.80	10.40	10.80S
January	..	....	....	10.75@10.90
February	..	....	....	10.50@10.90
March	1	10.60	10.60	10.70@10.80
April	..	....	....	10.50N

Total sales, 197 tankcars and switches.

Tung—Quietness prevailed in this market. Quotations were unchanged and more or less nominal. Imported oil was nominal at 25c. per pound, tankcars, New York, nearby delivery and 24½c. for June-July. Domestic oil also was inactive and nominal at 24¾c. per pound, tankcars, f.o.b. southern mills.

Fats and Greases

Greases—Prices were reduced ¼c. per pound for all grades. Trading at lower levels was moderate for domestic needs. Export inquiry was improved but actual trading was reported slow. Choice white was quoted at 6⅜c. per pound, tankcars, delivered; yellow, 5¼c. and house 4¾c., same basis.

Lard—This market was firmer. Cash lard was quoted at 11.20c. per pound, tierces, Chicago.

Tallow—Conditions continued easy. Domestic business was quiet. Export inquiry was more active, with government reported in the market for shipment to Europe. All grades were off ¼c. per pound. Fancy was sold at 6⅜c. and extra at 6¼c. per pound, tankcars, delivered. Special was quoted 5⅞c., same basis. CCC reported the purchase of 10,508,000 pounds of prime inedible tallow for export, durthe period of April 17-21, bringing the

For Late Market Developments, See Page 4

total to 11,352,000 pounds bought since October 1.

Animal Oils

Degras—Business was light and spotty. Crude and neutral grades remained steady.

Grease Oils—Prices were easier and reduced ½c. to ¾c. per pound. Business was confined to small lots. No. 1 was quoted at 10¾c. to 11¼c. per pound, drums, as to quantity; extra winter strained, 12c. to 12½c. and prime burning, 13c. to 13½c., same basis.

Fish Oils

Fish—Demand for refined oil was light and spotty. Crude menhaden sales were reported at 5½c. per pound, tankcars, f.o.b. Gulf if and when made. Crude sardine oil was cleaned up, sales of several cars were made at 7⅜c. per pound, tankcars, f.o.b. Pacific coast.

Los Angeles—Light stocks of crude sardine oil were reported cleaned up at 7⅜c. per pound tankcars, f.o.b. Pacific Coast, last week. Production of tuna oil was light with current supplies quoted at 4.75c. per pound.

Cake and Meal

Cottonseed Cake and Meal—The price has advanced but not as drastically as soybean meal. Slab cake 41 percent loose was offered in limited quantities at $61.50 per ton, Mississippi Valley points and there was fair trading at $52.50 to $53 f.o.b. Texas points, April-May shipment. Cottonseed meal 41 percent sacked was quoted at $64.50 basis Memphis, April-May shipment and at $69 to $70 per ton basis Georgia; $70 to $71 South Carolina, April-May shipment with 36 percent, $5 per ton less.

Linseed Meal—Demand slackened and prices were off about $1 per ton.

Minneapolis—Linseed meal demand tapered off last week and prices were off 50c. to $1.50 per ton from a week ago. Buyers confined interest only to prompt shipments, booking very little beyond the first half of May. Extracted linseed meal (36%) was quoted at $64 per ton, bulk, f.o.b., Mpls., through May. Expeller meal (34%) sold at $67.50 to $68 per ton, bulk. Supplies of both meals were light.

Shipments of linseed meal, in pounds, were as follows:—

	1949-50	1948-49
This week	13,620,000	13,740,000
Since Sept. 1	578,990,000	451,240,000

Peanut Meal—The government announced last week offers of peanuts to produce approximately 1,200 tons of meal in the Southeast. Recently exporters bought about all meal that was offered, advancing the price to $70 per ton for 45 percent protein, f.o.b. Alabama and Georgia mills, April-May shipment. Demand continued fairly good, with limited supply.

Soybean Meal—Export demand along with considerable open interest in the bean market advanced meal sharply. Forty-four percent was offered, mostly by resellers at $68 per ton, bulk Decatur, May shipment. June through September it was offered at the same price. Forty-one percent sacked was being quoted at $69 to $71 per ton, Mississippi Valley points, $73 Georgia and South Carolina points, May shipment. Demand continues fairly good, but buying has been limited since recent advances.

Waxes

Carnauba—Market continued easy. Quotations for spot stocks were off 3c. to 7c. per pound, and merely nominal, depending upon each individual transaction as to quantity and seller. No. 2, North country, was quoted nominally at 66c. to 67c. per pound on spot; No. 3, North country crude, 64c. to 67c., and refined, 71c. to 72c.; No. 1, yellow, 83c. to 85c., and No. 2, 81c. to 83c.

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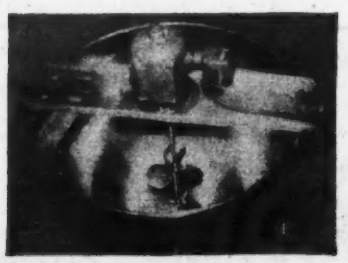

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Oil Seed Products Names California Representatives

Oil Seed Products Company, Fresno, Calif., has announced the appointment of the John K. Bice Company, Los Angeles, and Pacific Coast Chemicals Company, San Francisco, as sales agents for safflower oil in the Los Angeles and northern California areas, respectively.

Oil Seed's solvent extraction plant is expected to get into production with the arrival of the new California crop in June, and several hundred tankcars of safflower oil are scheduled to be processed this year.

ACTH Output Increased

—Continued from page 4

up little heat, further reducing loss of potency and increasing yield.

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The device can be used in many other processes, such as food drying, where flavor retention is important. To hold bulk solutions, material for tray bottoms has been developed which is almost completely transparent to the radiation used.

Italian Firms Get Licenses

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Turpentine oil—Az. Chimiche Vittorio Barbini, S. Maria del Giglio 2516, Venezia, $10,300.
S.A. Eigenmann & Veronelli, Via Asole 2, Milan, $10,250.
"Uformite" resin—U.R.A.I., Via Cusani 16, Milan, $3,100.
Vinyl butyrate—Ing. Tito Sacco, V. le Tunisia 32, Milan, $50,000.
Vitamin A for fodder—Ernesto Piletti & C., Via Ariosto 30, Milan, $1,300.
B complex with liver extract—Laboratori Palma, Via Bissolati, Rome, $20,000.
C and PP—Farmaceutici Italia, Via Panisperna 207, Rome, $13,300.
Capsules—Laboratori Palma, Via Bissolati, Rome, $10,000.
Welding chemicals—Vagone & Boeri, Via Bogino 9, Torino, $3,100.

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Representatives:
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Ecclestone Chemical Co., 2673 Gusin, Detroit 7, Mich.
H. H. Loomis, 369 Pine Street, San Francisco, Cal.

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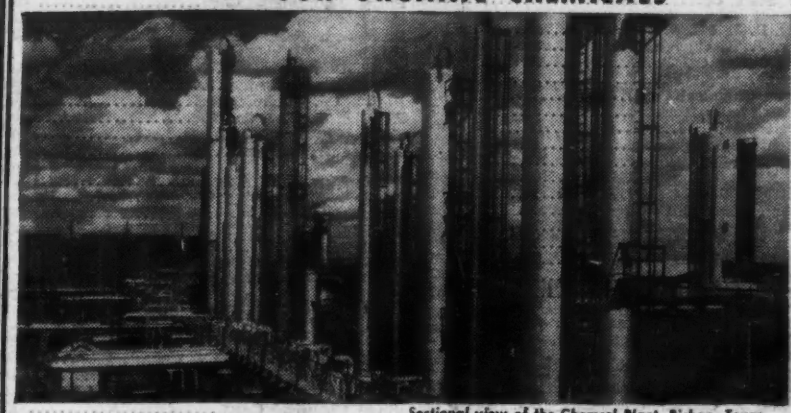

Sectional view of the Chemcel Plant, Bishop, Texas.

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